

FIG. 1

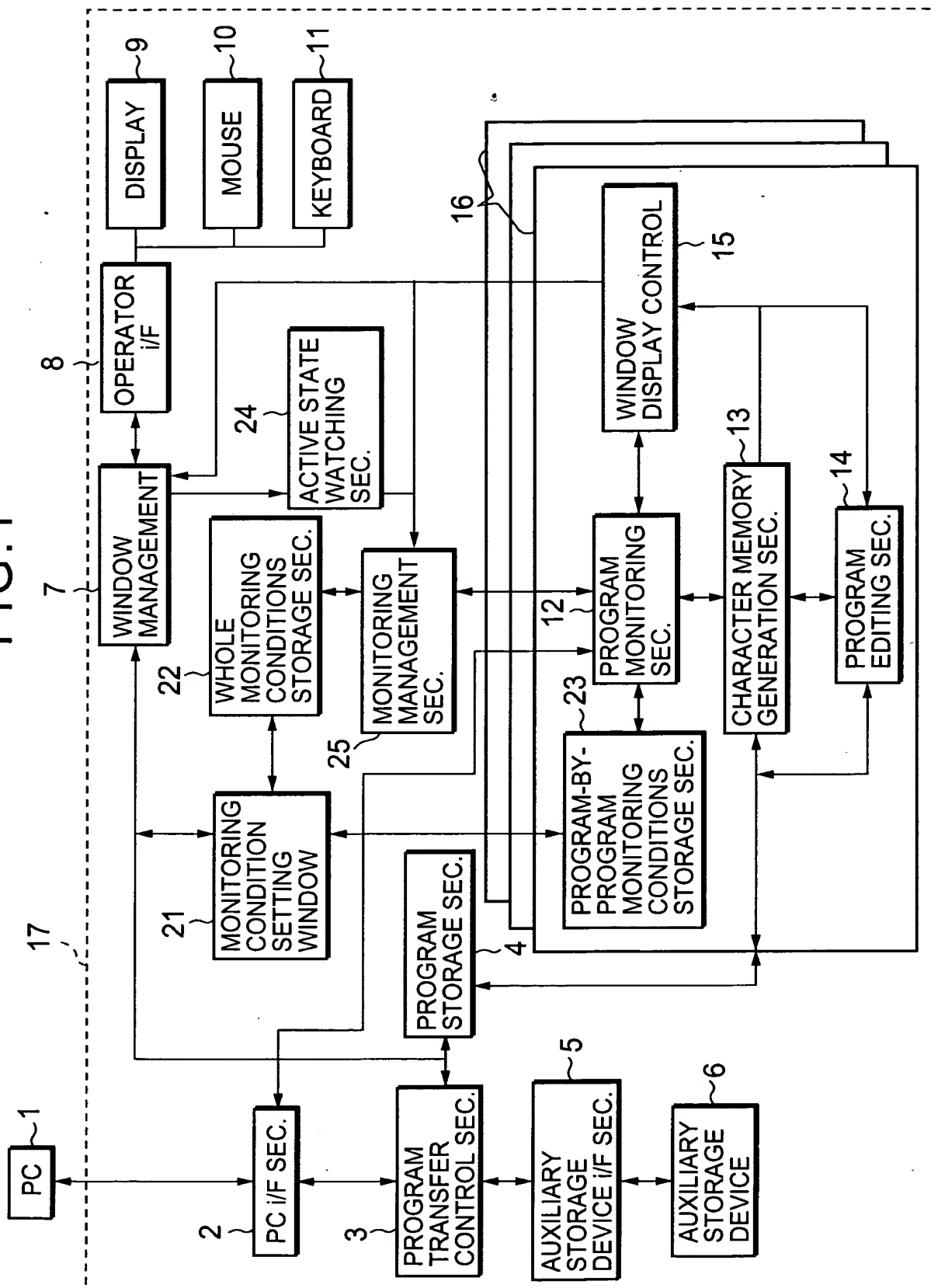


FIG.2

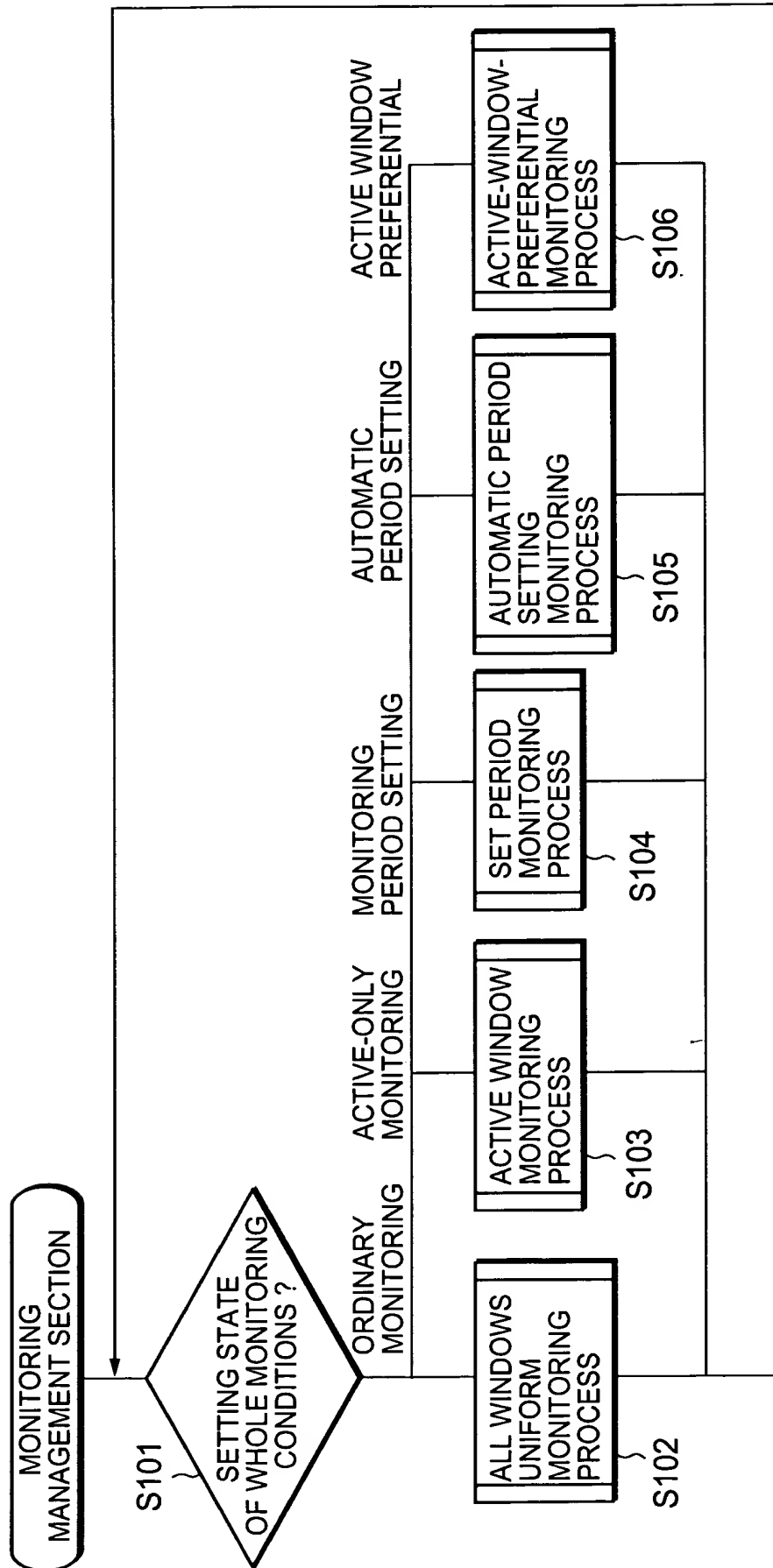


FIG.3

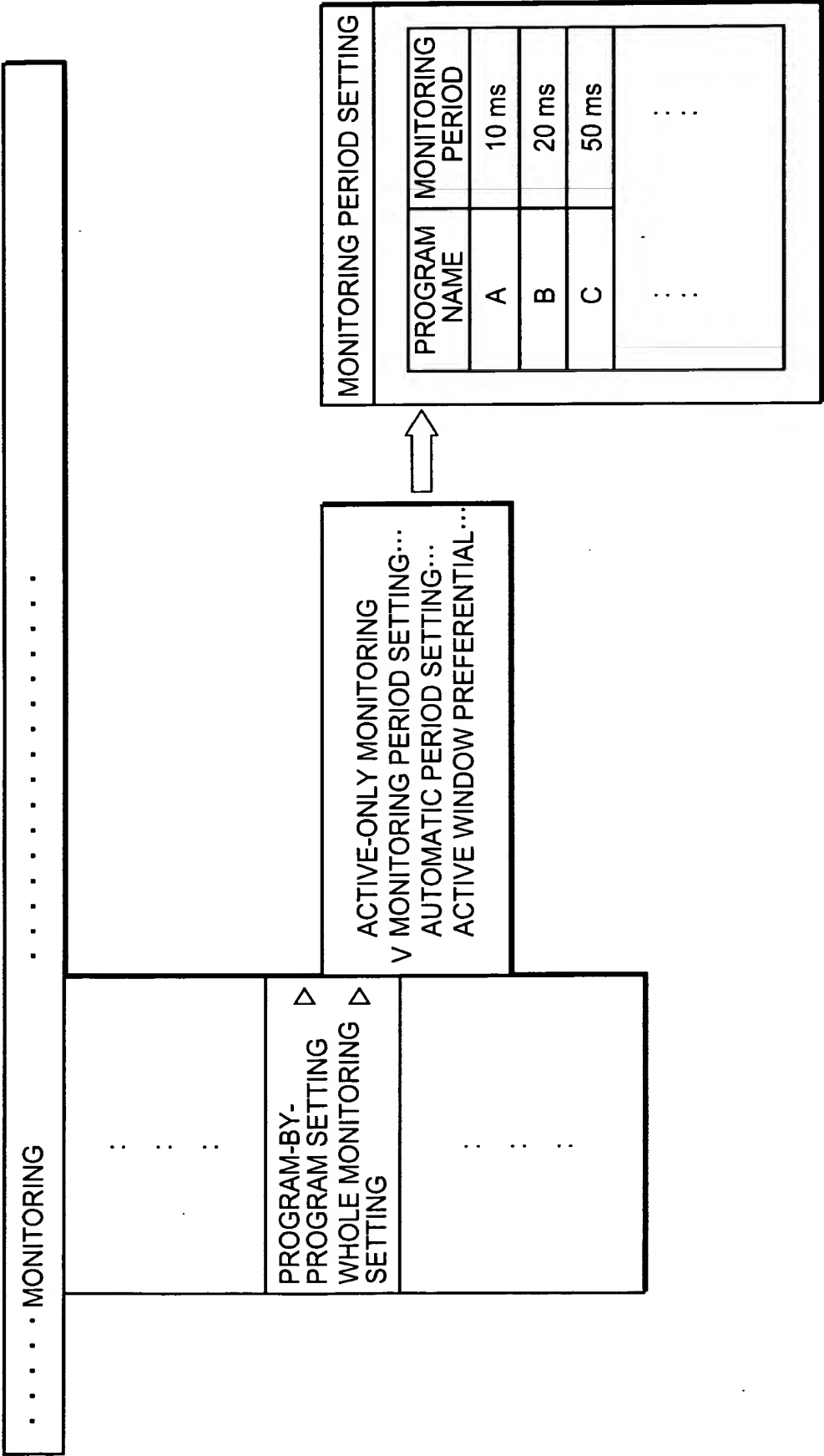


FIG.5

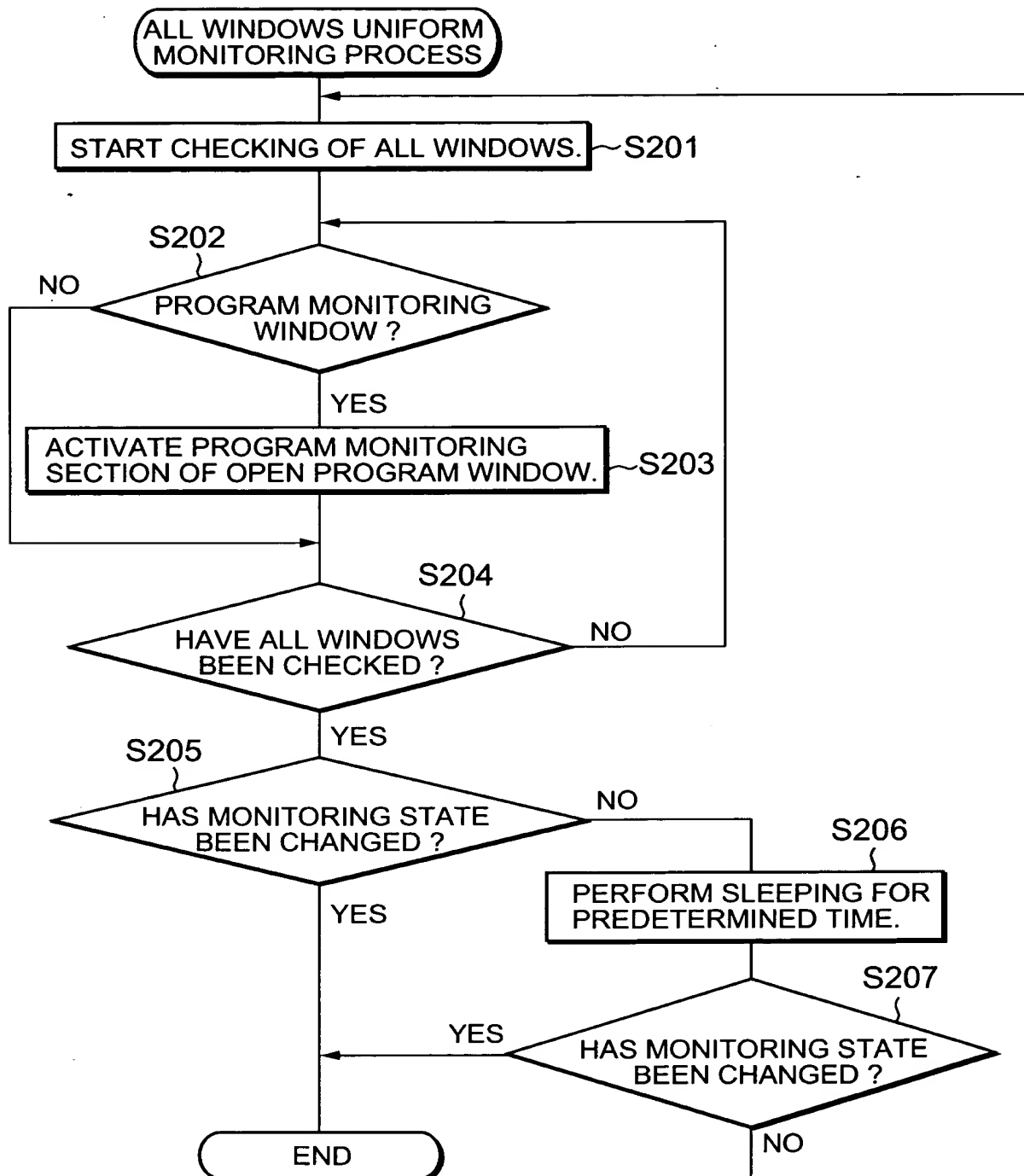


FIG.6

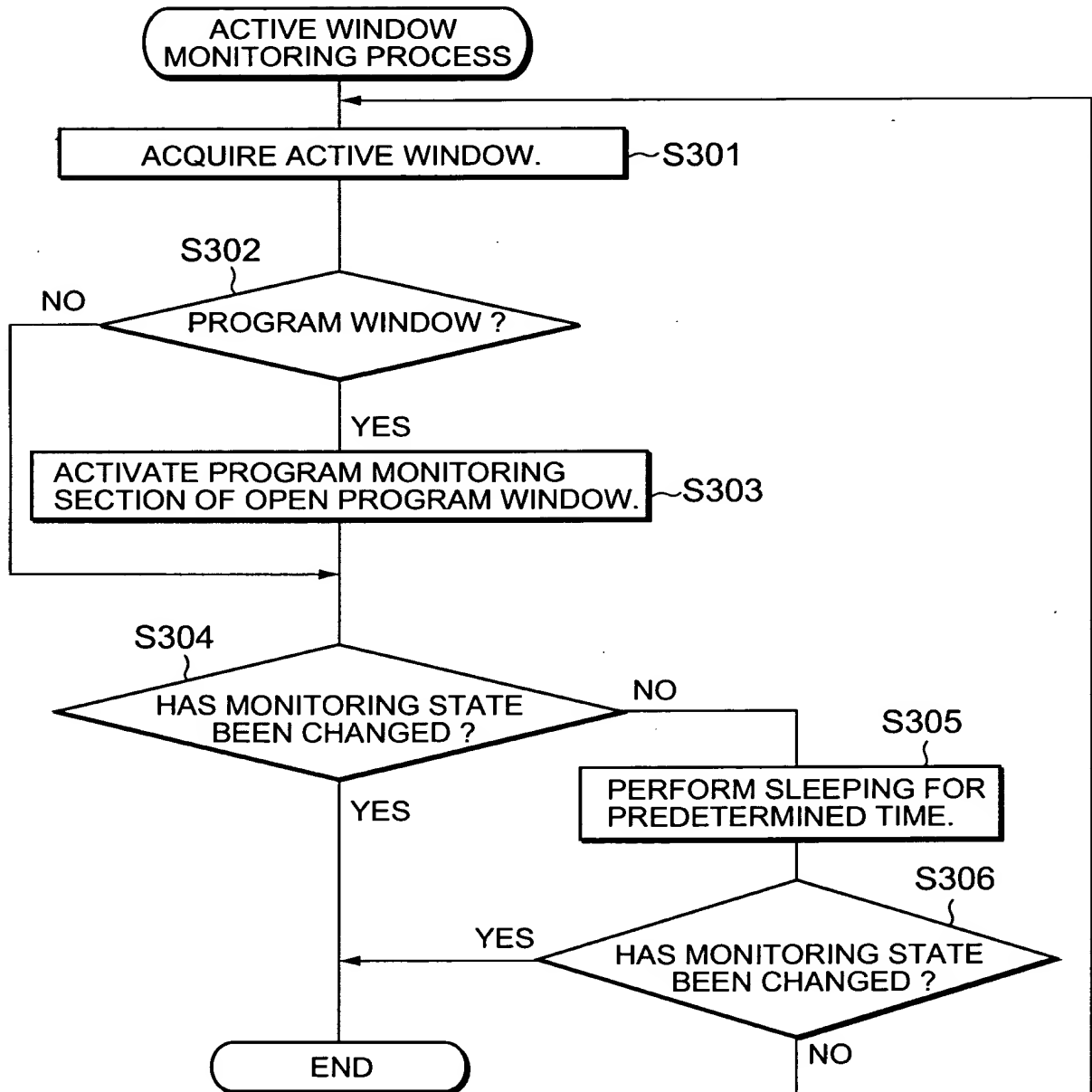


FIG.7

ONLY CIRCUITS OF ACTIVE WINDOW ARE MONITORED.

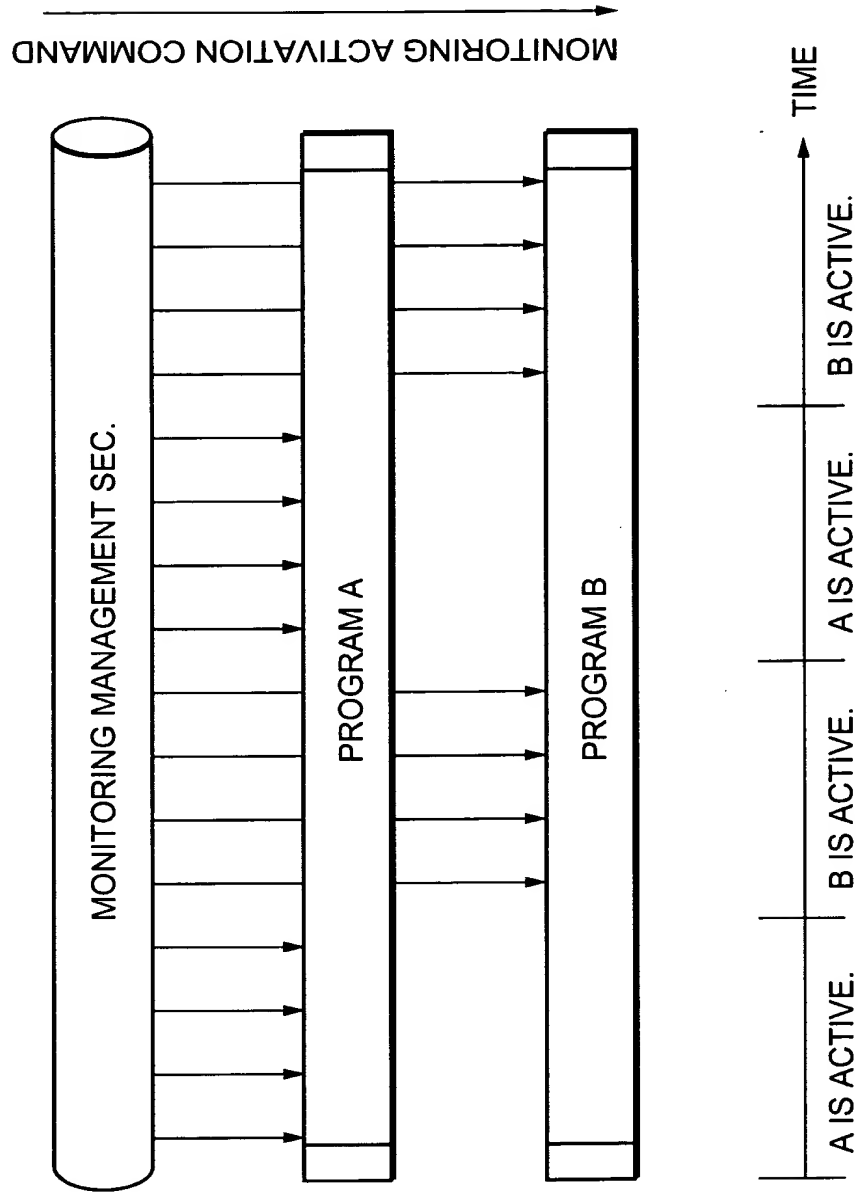


FIG.8

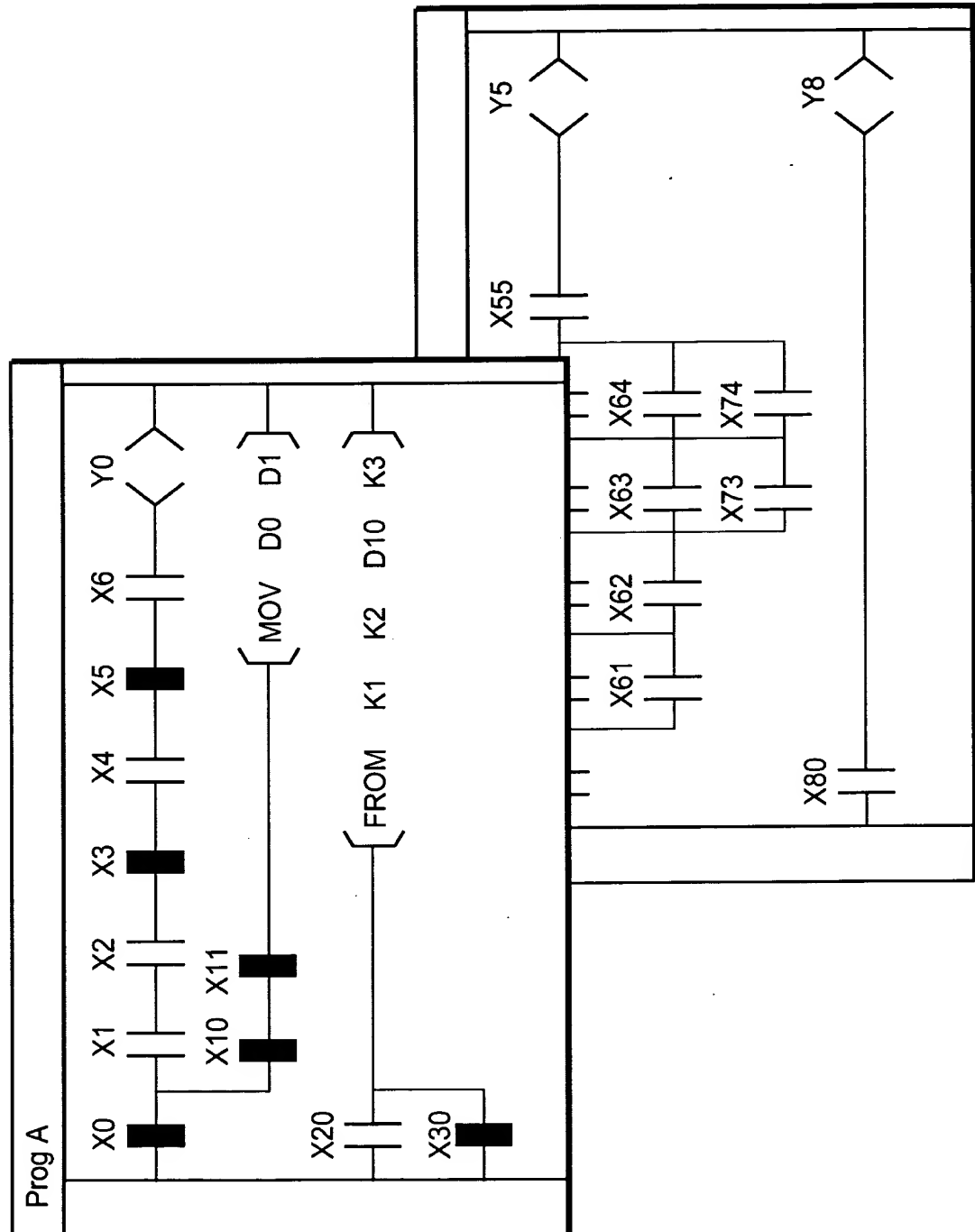


FIG.9

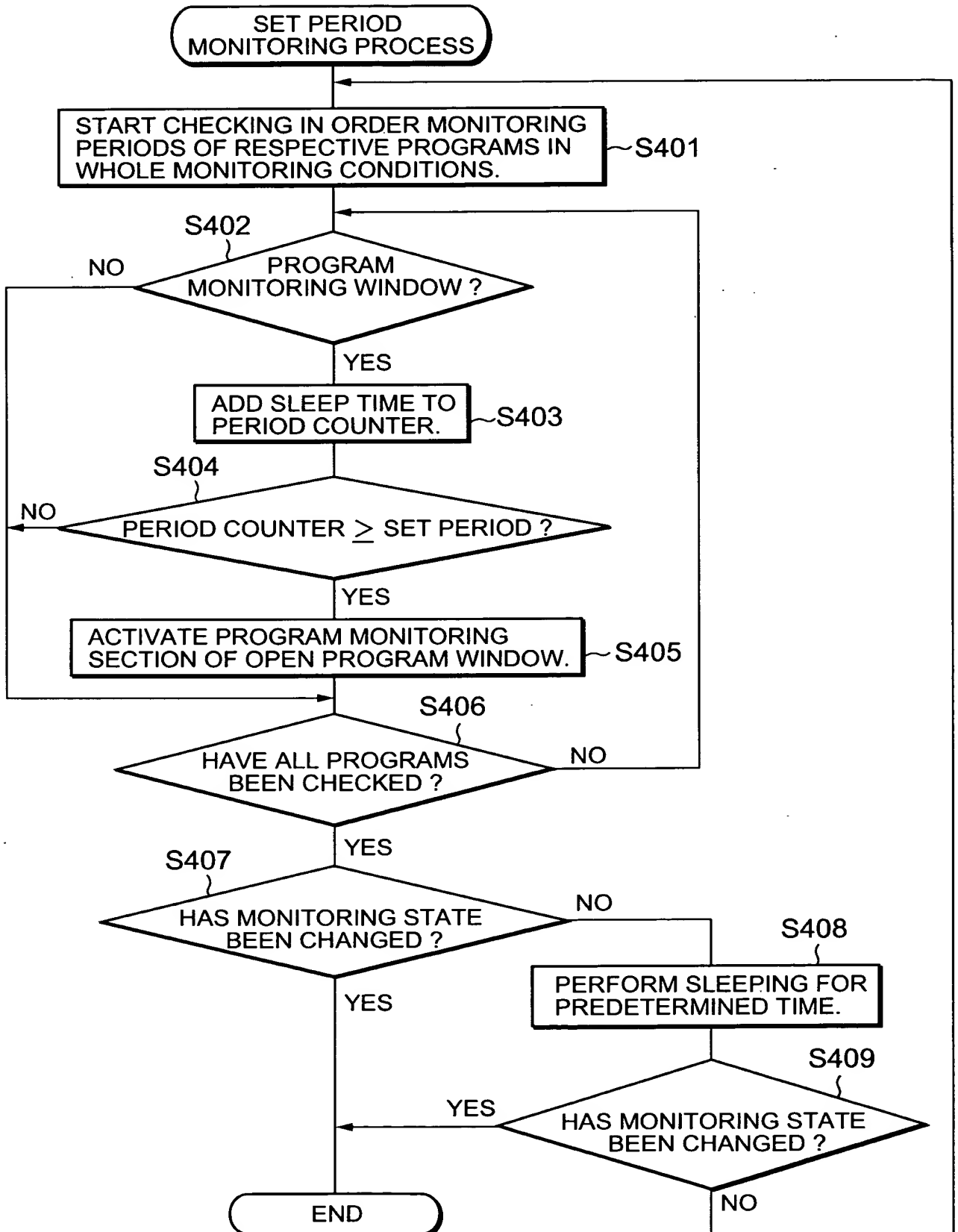
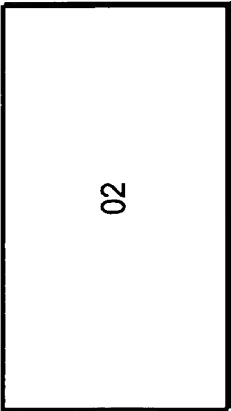


FIG.10

I . SETTING STATE



- 00:ORDINARY MONITORING
- 01:ACTIVE-ONLY MONITORING
- 02:MONITORING PERIOD SETTING
- 03:AUTOMATIC PERIOD SETTING
- 04:ACTIVE WINDOW PREFERENTIAL

II . PERIODS OF RESPECTIVE PROGRAM NAMES

PROGRAM NAME	PERIOD [ms]
A	10
B	20
C	50

FIG.11

MONITORING PERIODS ARE SET FOR RESPECTIVE MONITORING WINDOWS.

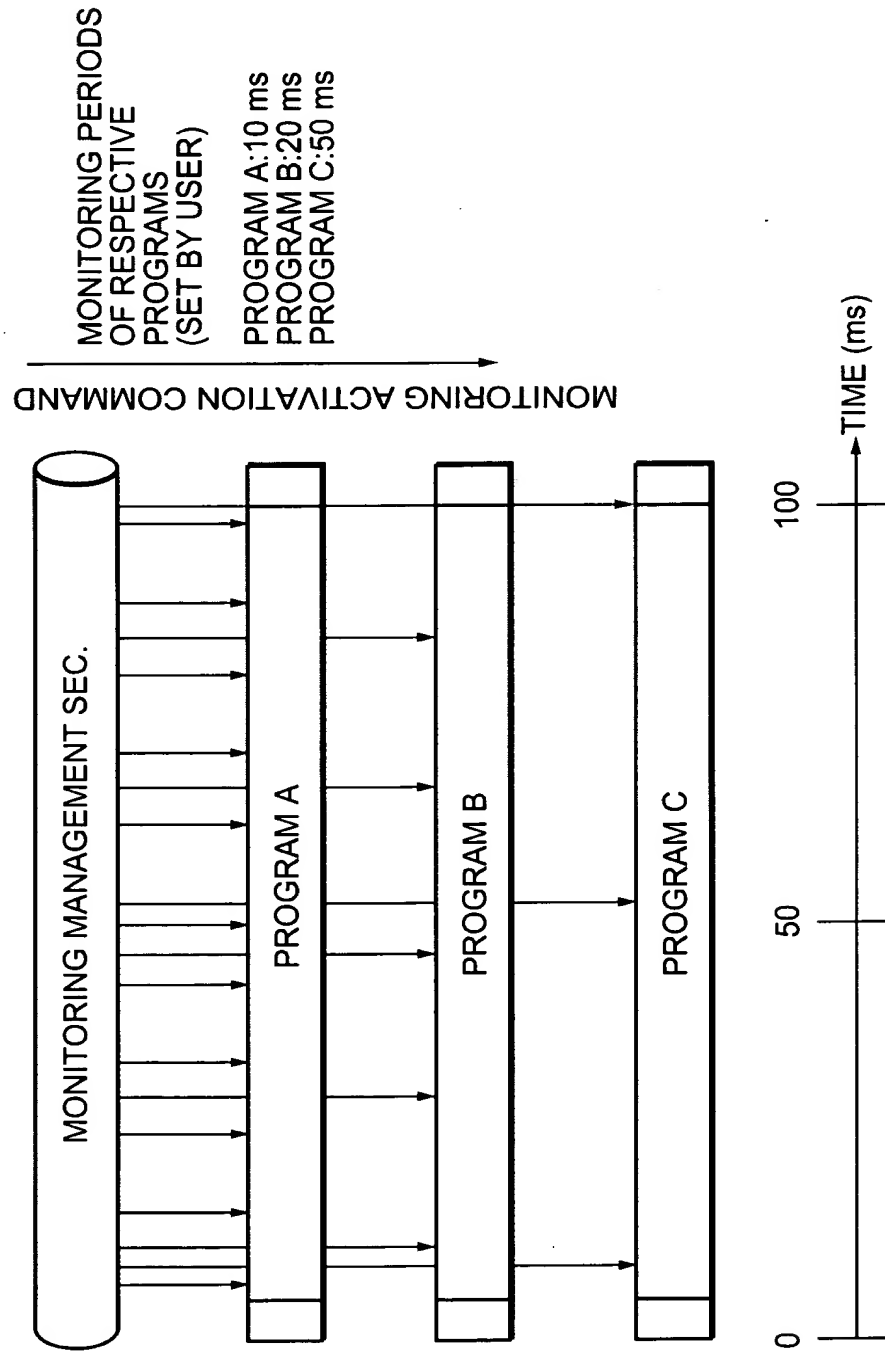


FIG.12

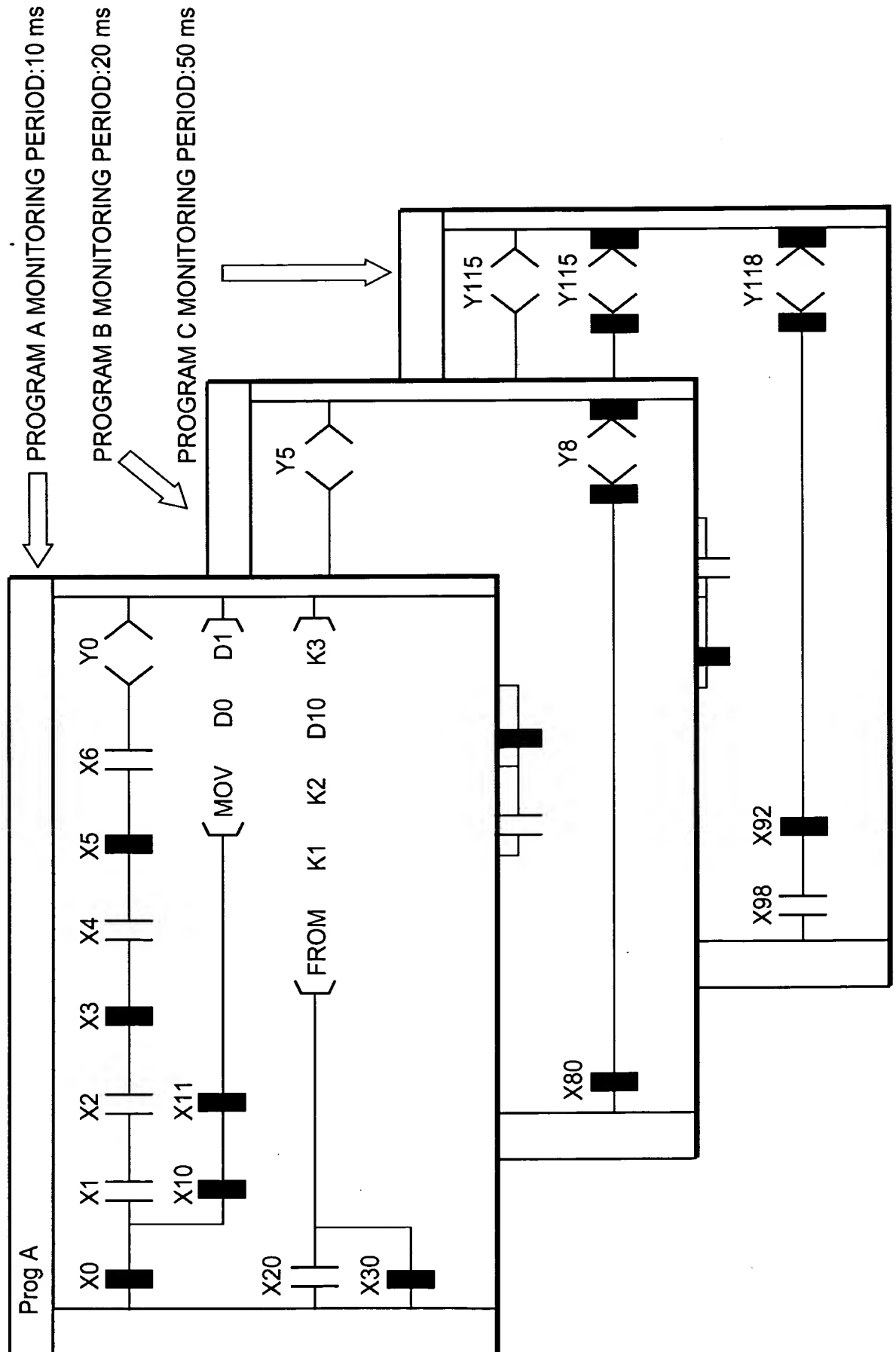


FIG.13

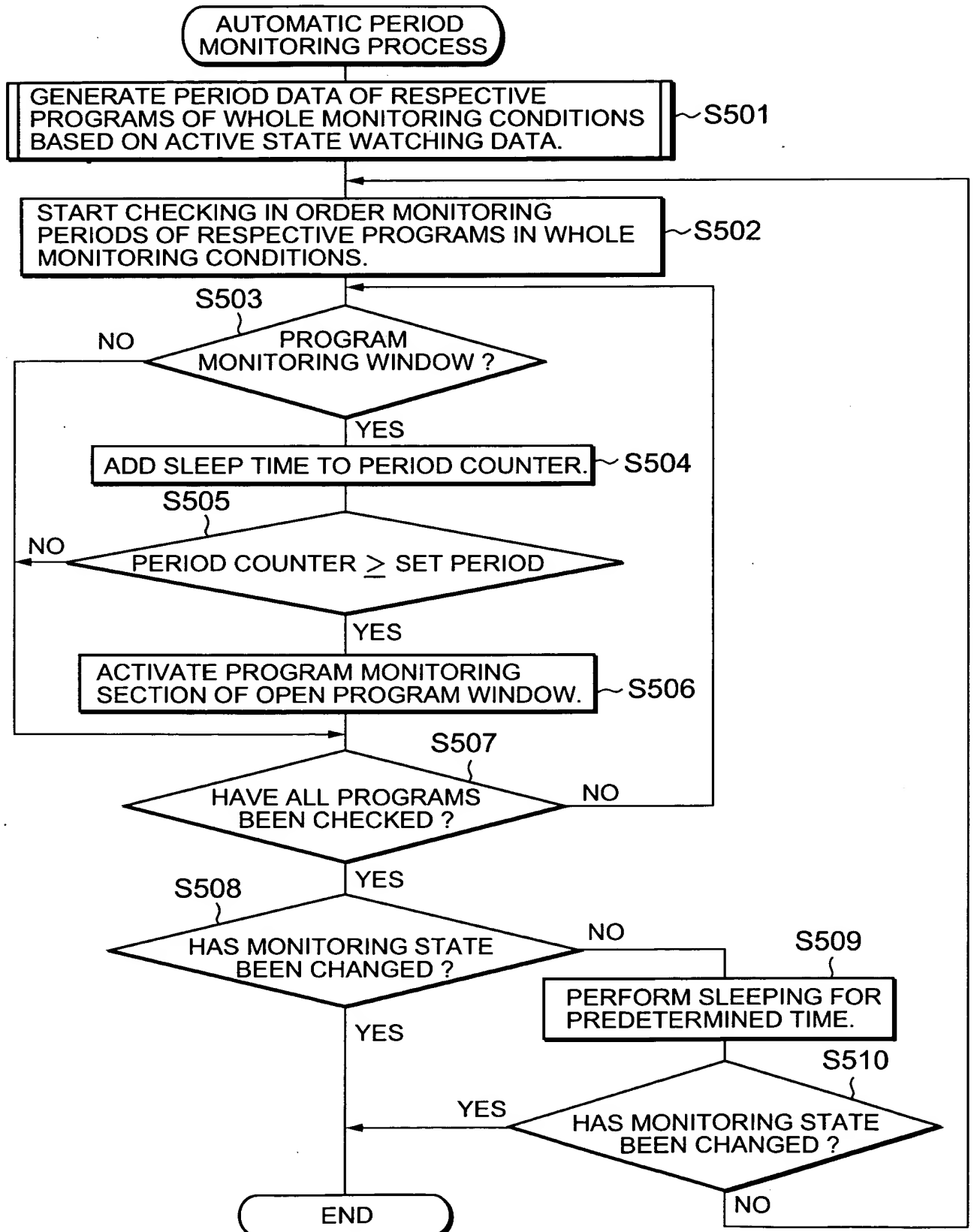


FIG.14

AUTOMATIC PERIOD SETTING TYPE MONITORING SETTING
REFERENCE MONITORING PERIOD TIME
<div>10</div>

FIG.15

EXAMPLE OF DATA OF TOTAL MONITORING CONDITIONS IN AUTOMATIC PERIOD SETTING TYPE MONITORING

I . SETTING STATE

03

00:ORDINARY MONITORING
01:ACTIVE-ONLY MONITORING
02:MONITORING PERIOD SETTING
03:AUTOMATIC PERIOD SETTING
04:ACTIVE WINDOW PREFERENTIAL

II . PERIODS OF RESPECTIVE PROGRAM NAMES

PROGRAM NAME	PERIOD [ms]
A	10
B	20
C	50

III . REFERENCE MONITORING PERIOD TIME

10 ms

FIG.16

STATE OF ACTIVE STATE WATCHING DATA

PROGRAM NAME	ACTIVE TIME	PRESENCE CONFIRMATION FLAG
A	60	1
B	20	1
C	20	1

FIG.17

MONITORING PERIOD OF WINDOW HAVING LONGER
ACTIVE TIME IS SHORTENED.

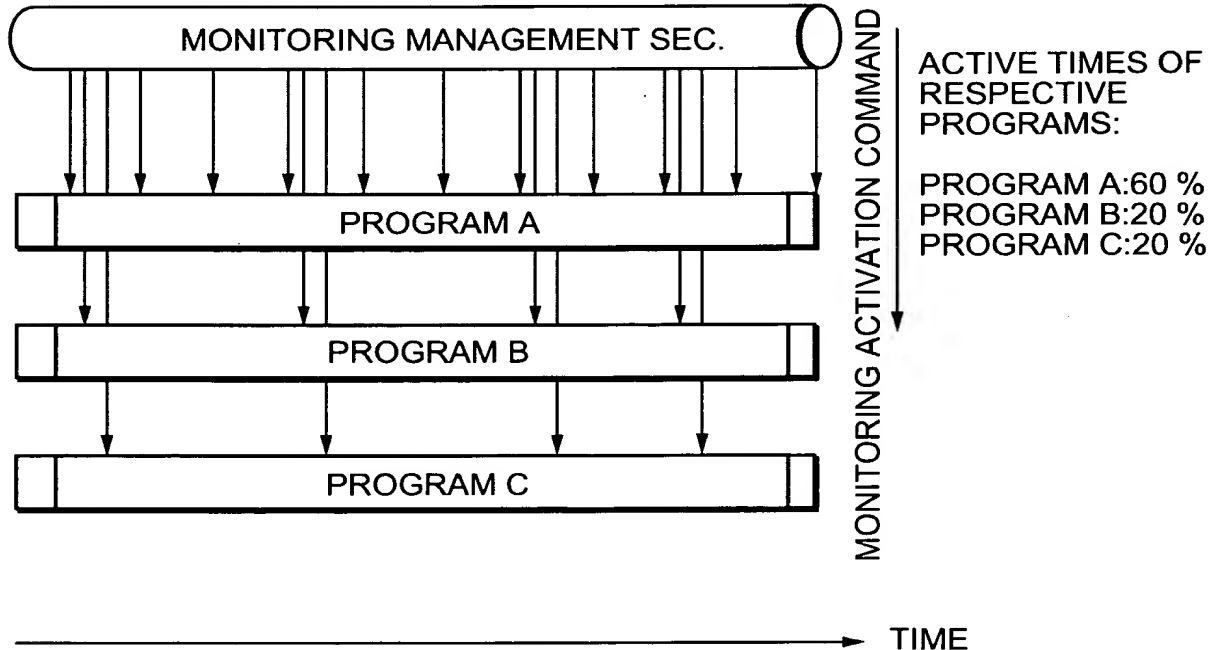


FIG.18

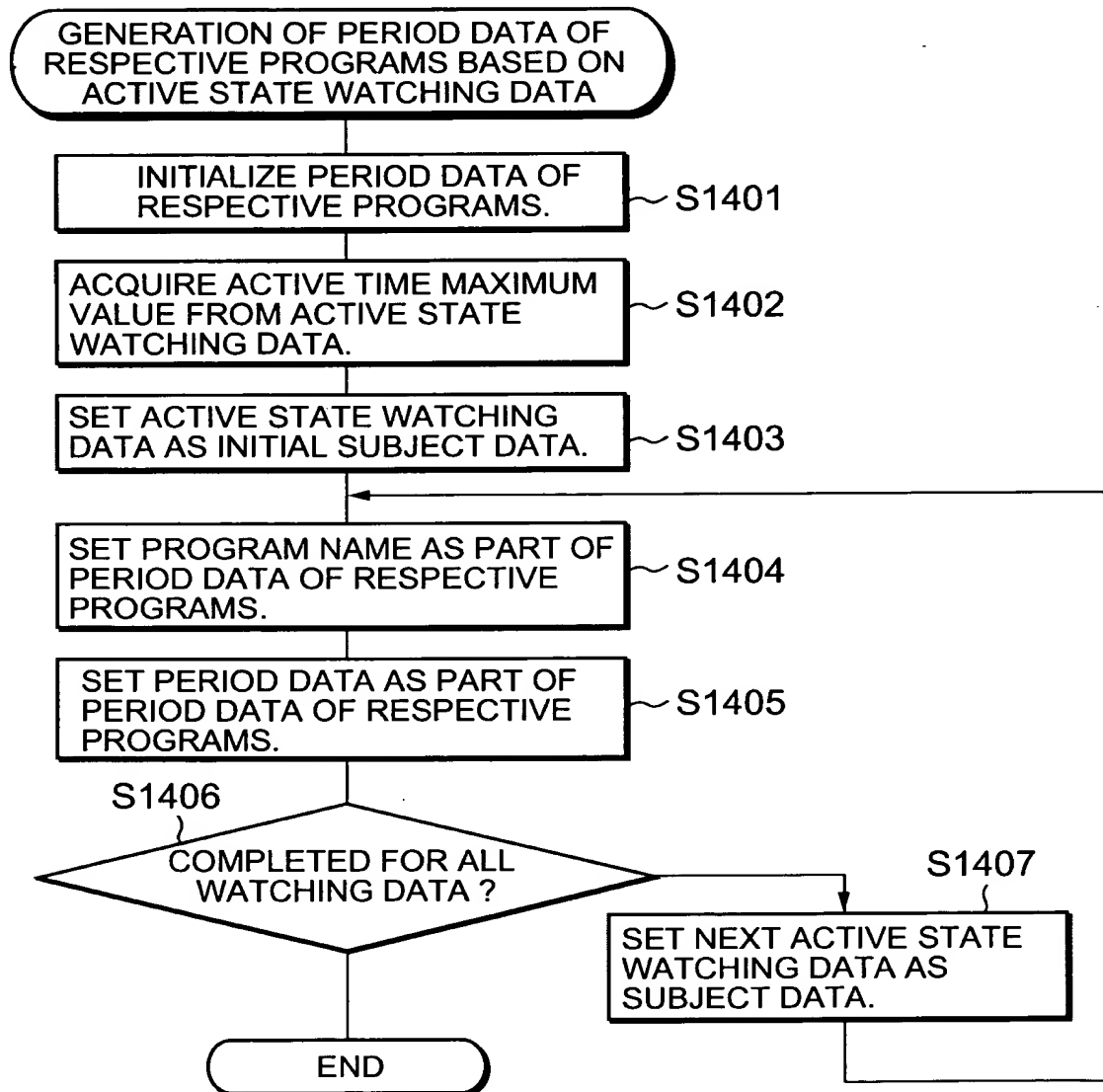


FIG.19

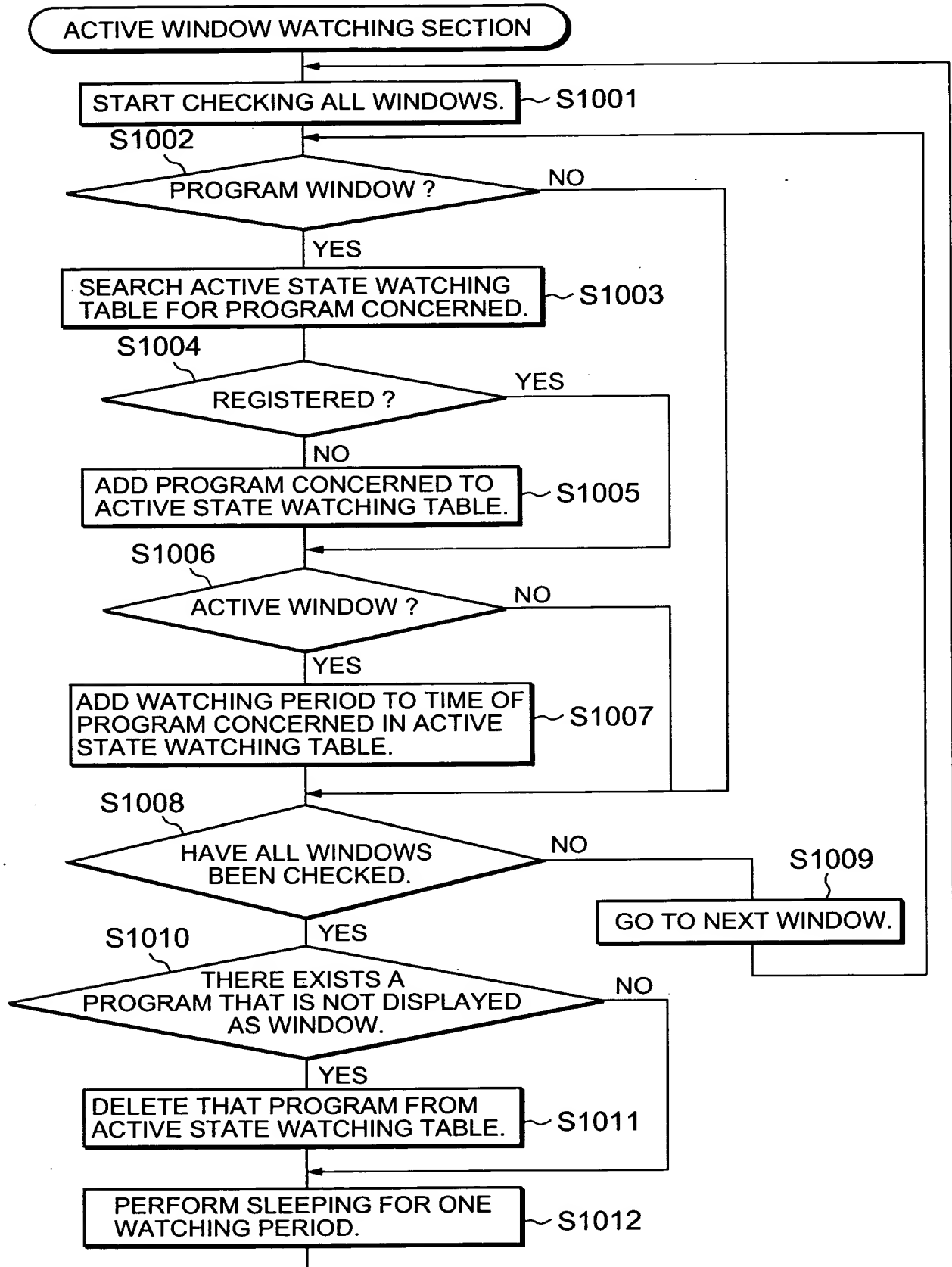


FIG.20

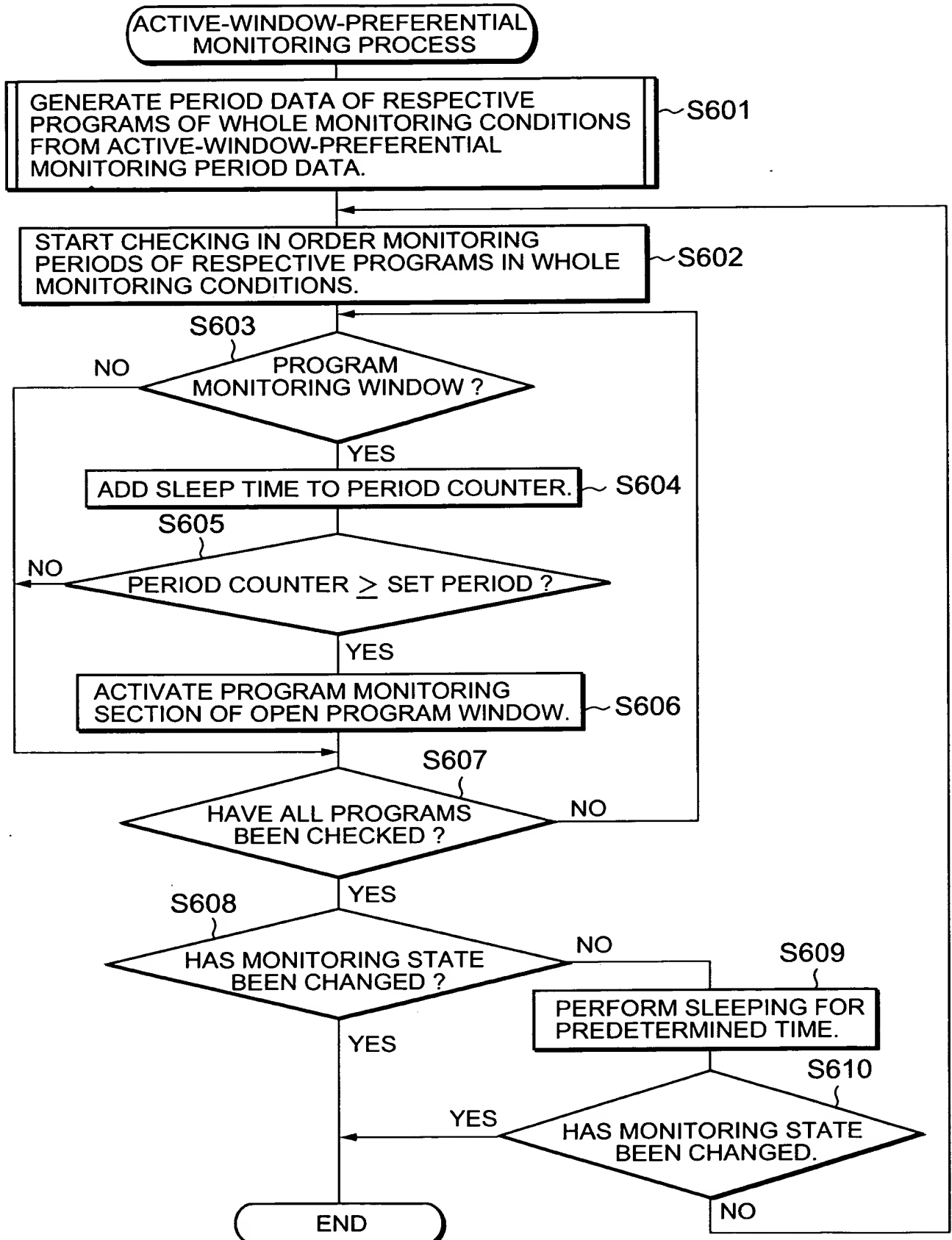


FIG.21

ACTIVE-WINDOW-PREFERENTIAL SETTING	
ACTIVE WINDOW MONITORING PERIOD TIME [ms]	<div>10</div>
INACTIVE WINDOW MONITORING PERIOD TIME [ms]	<div>50</div>

FIG.22

EXAMPLE OF DATA OF TOTAL MONITORING CONDITIONS IN ACTIVE-WINDOW-PREFERENTIAL MONITORING

I . SETTING STATE

04

00:ORDINARY MONITORING
01:ACTIVE-ONLY MONITORING
02:MONITORING PERIOD SETTING
03:AUTOMATIC PERIOD SETTING
04:ACTIVE WINDOW PREFERENTIAL

II . PERIODS OF RESPECTIVE PROGRAM NAMES

PROGRAM NAME	PERIOD [ms]
A	10
B	50
C	50

III . ACTIVE-WINDOW-PREFERENTIAL MONITORING PERIODS

ACTIVE MONITORING TIME	IN ACTIVE MONITORING TIME
10	50

FIG. 23

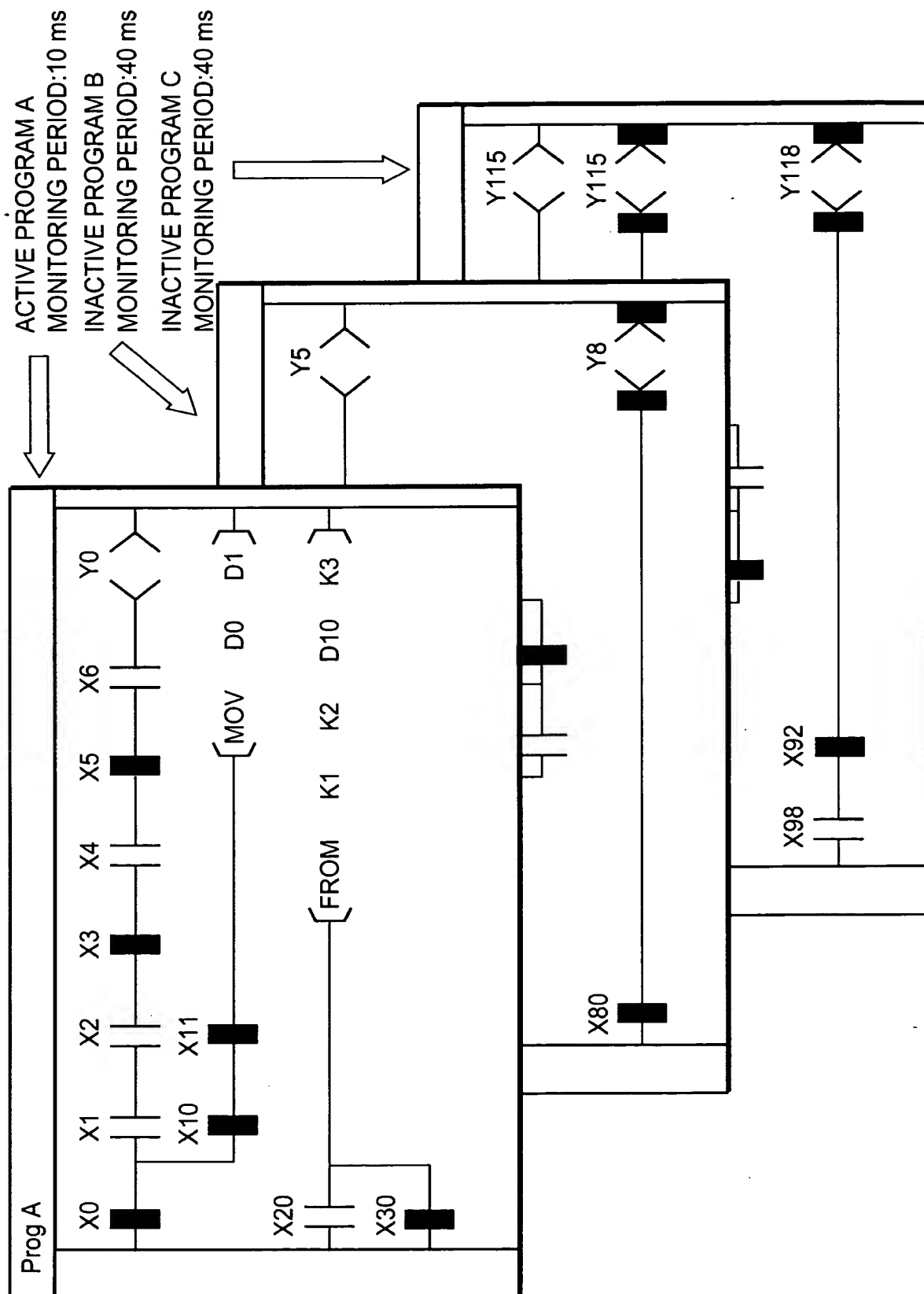


FIG.24

MONITORING PERIOD OF INACTIVE WINDOW IS MADE LONGER.

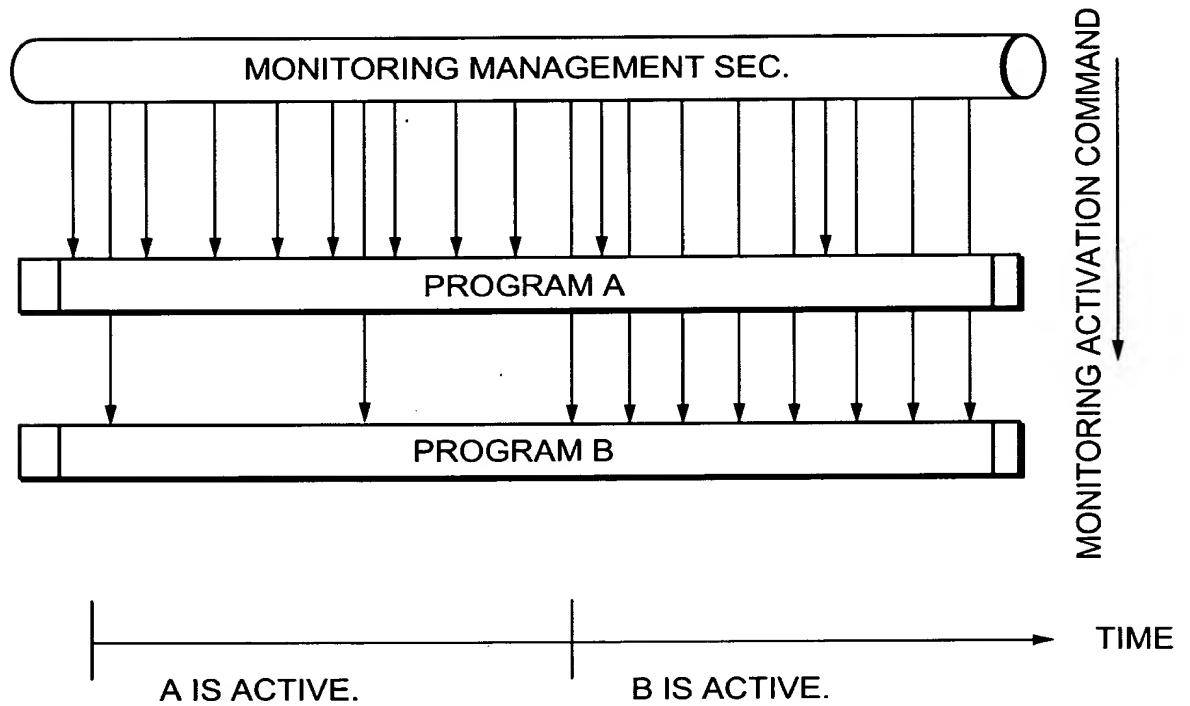


FIG.25

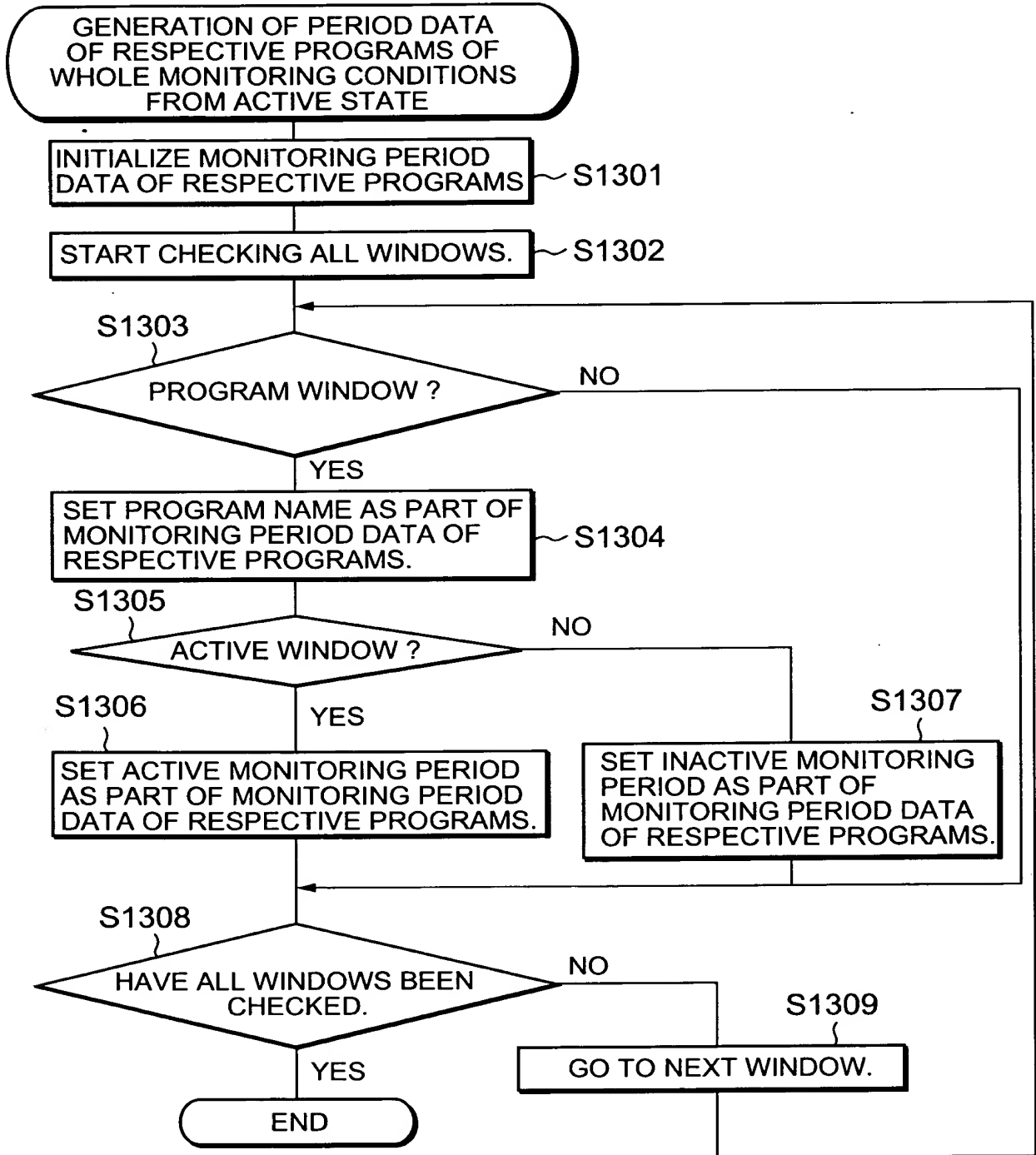


FIG.26

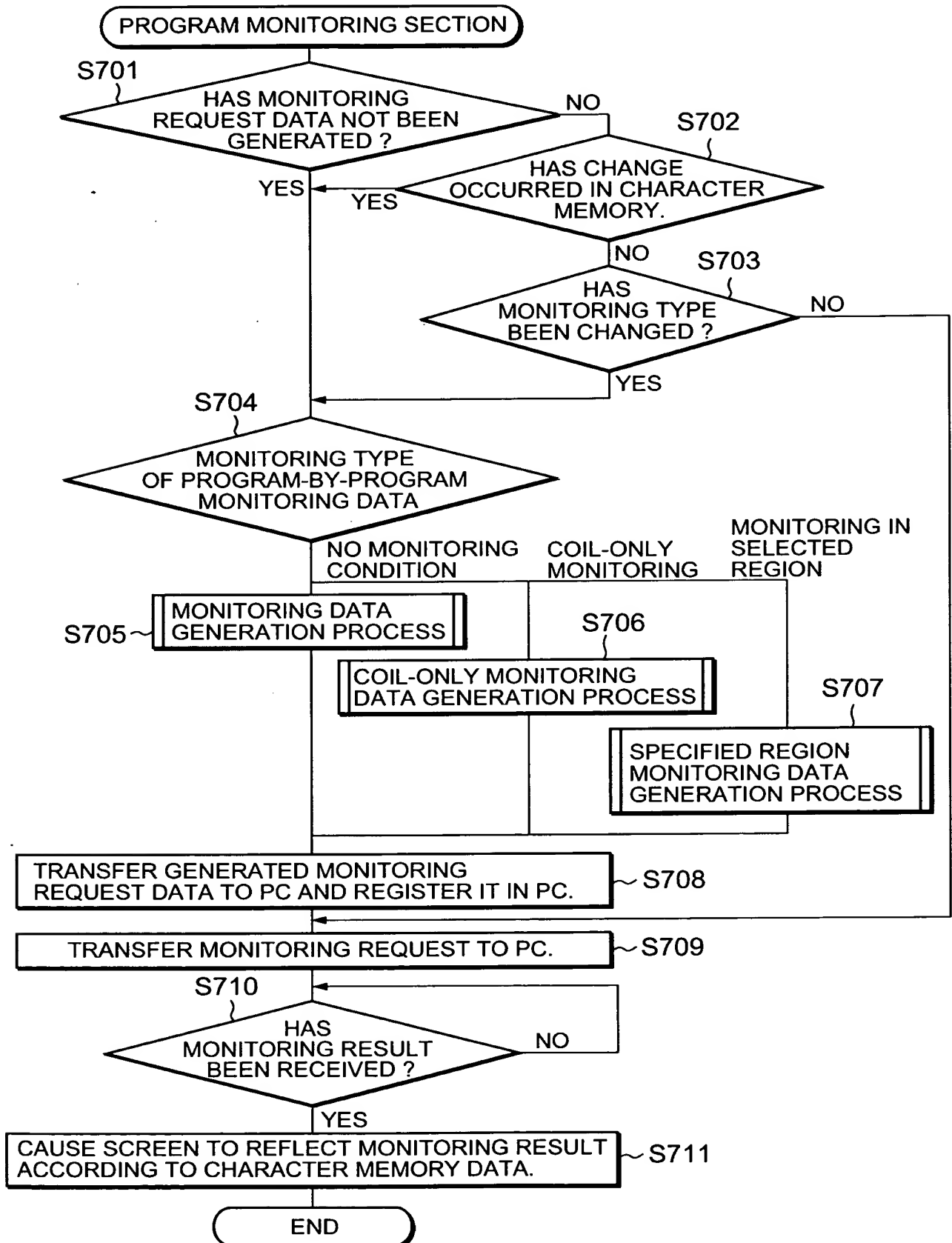


FIG.27

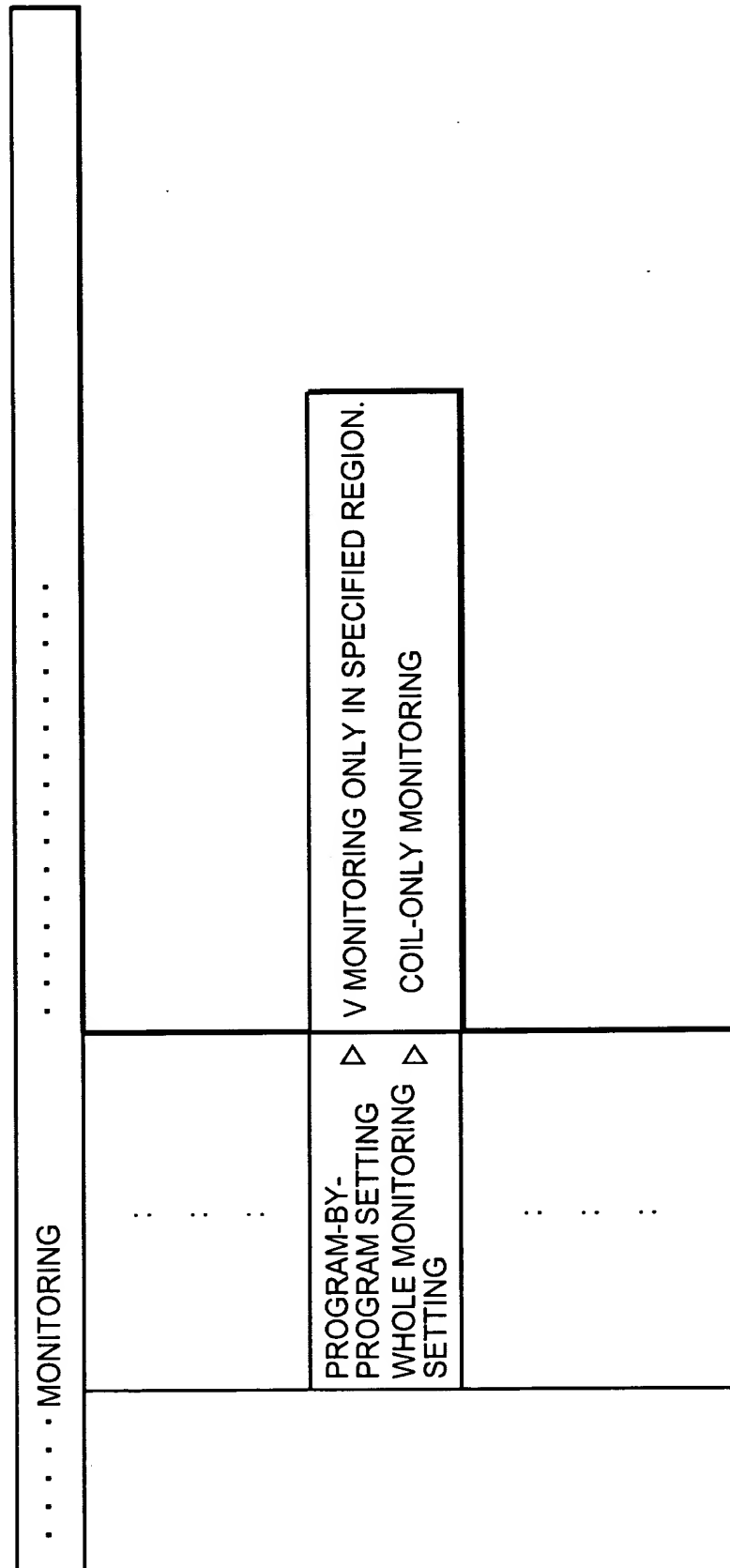


FIG.28

PROGRAM-BY-PROGRAM MONITORING DATA DIAGRAM

MONITORING TYPE	00:NO MONITORING CONDITION 01:COIL-ONLY MONITORING 02:MONITORING IN SELECTED REGION
LEFT-END COORDINATE OF SELECTED REGION	
TOP COORDINATE OF SELECTED REGION	
RIGHT-END COORDINATE OF SELECTED REGION	02:SELECTED REGION OF MONITORING IN SELECTED REGION
BOTTOM COORDINATE OF SELECTED REGION	

FIG.29

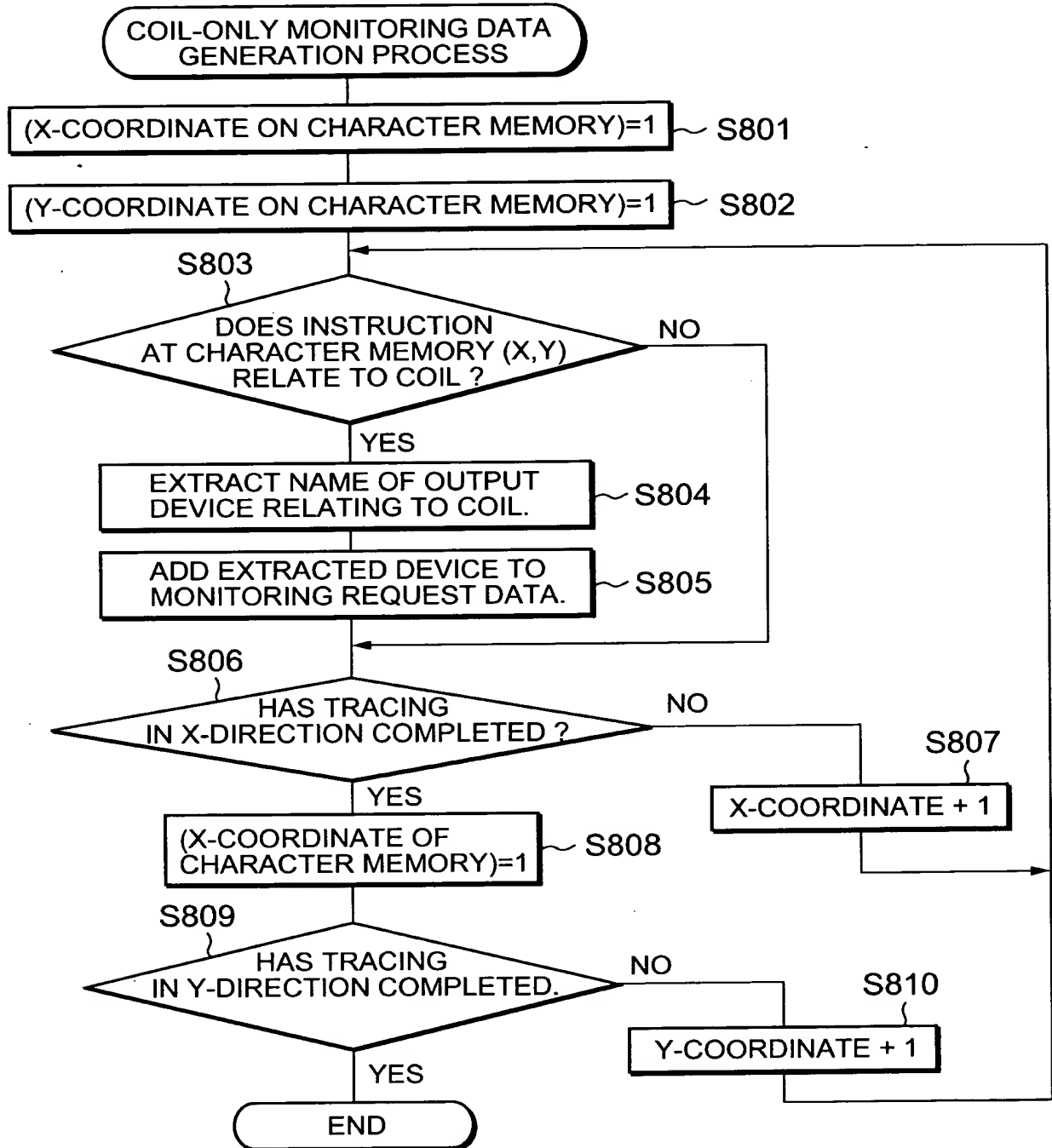


FIG.30

IMAGE DIAGRAM OF CHARACTER MEMORY

COLUMN →

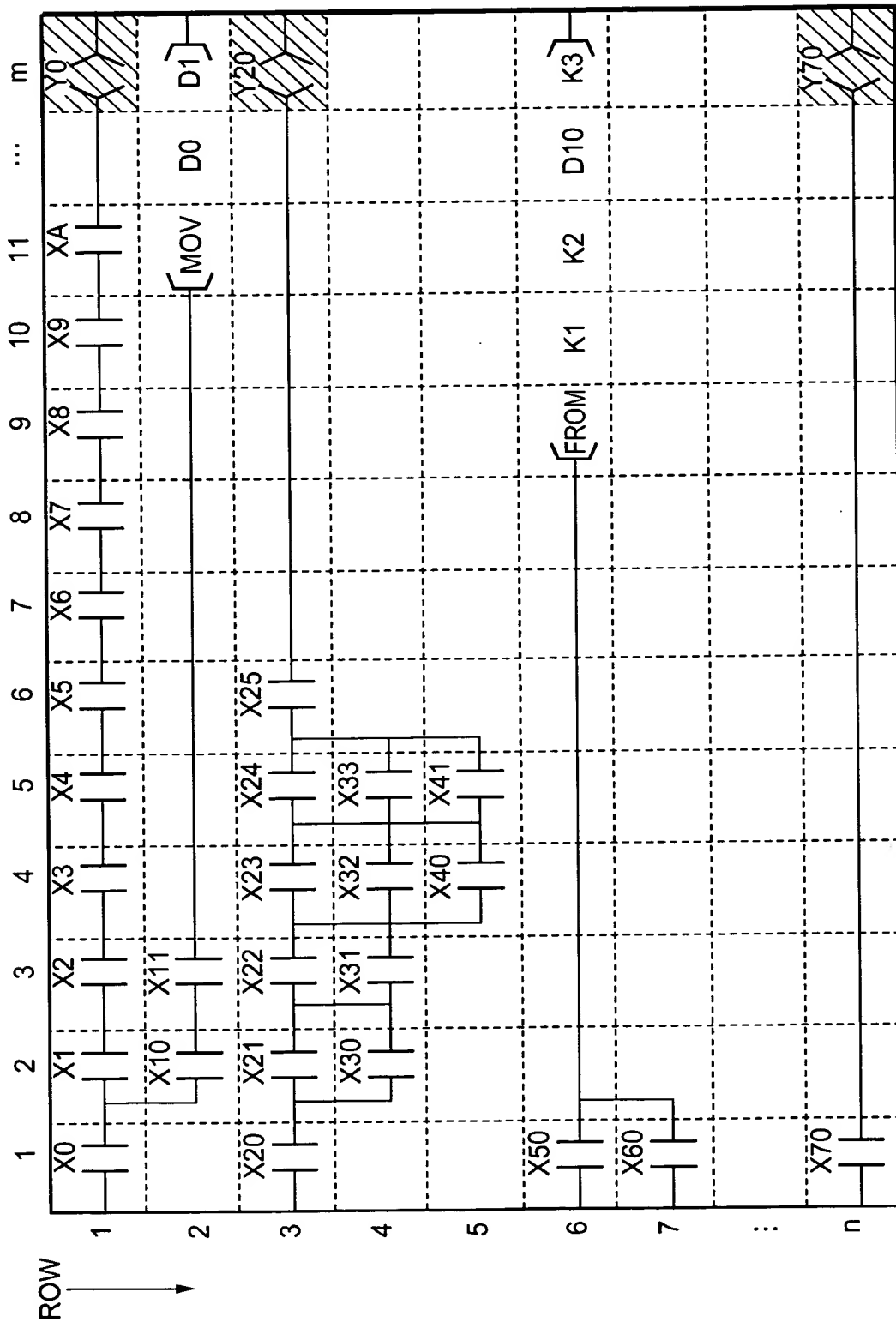


FIG.31

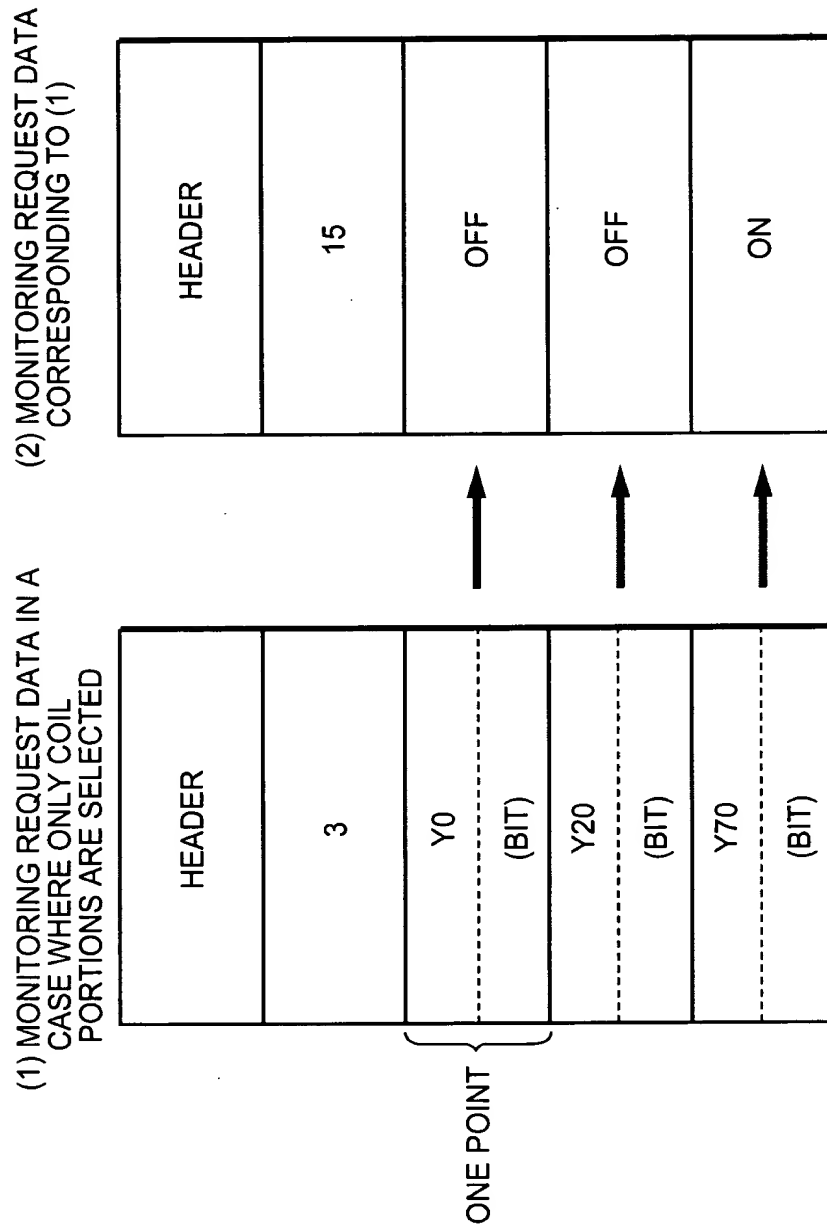


FIG.32

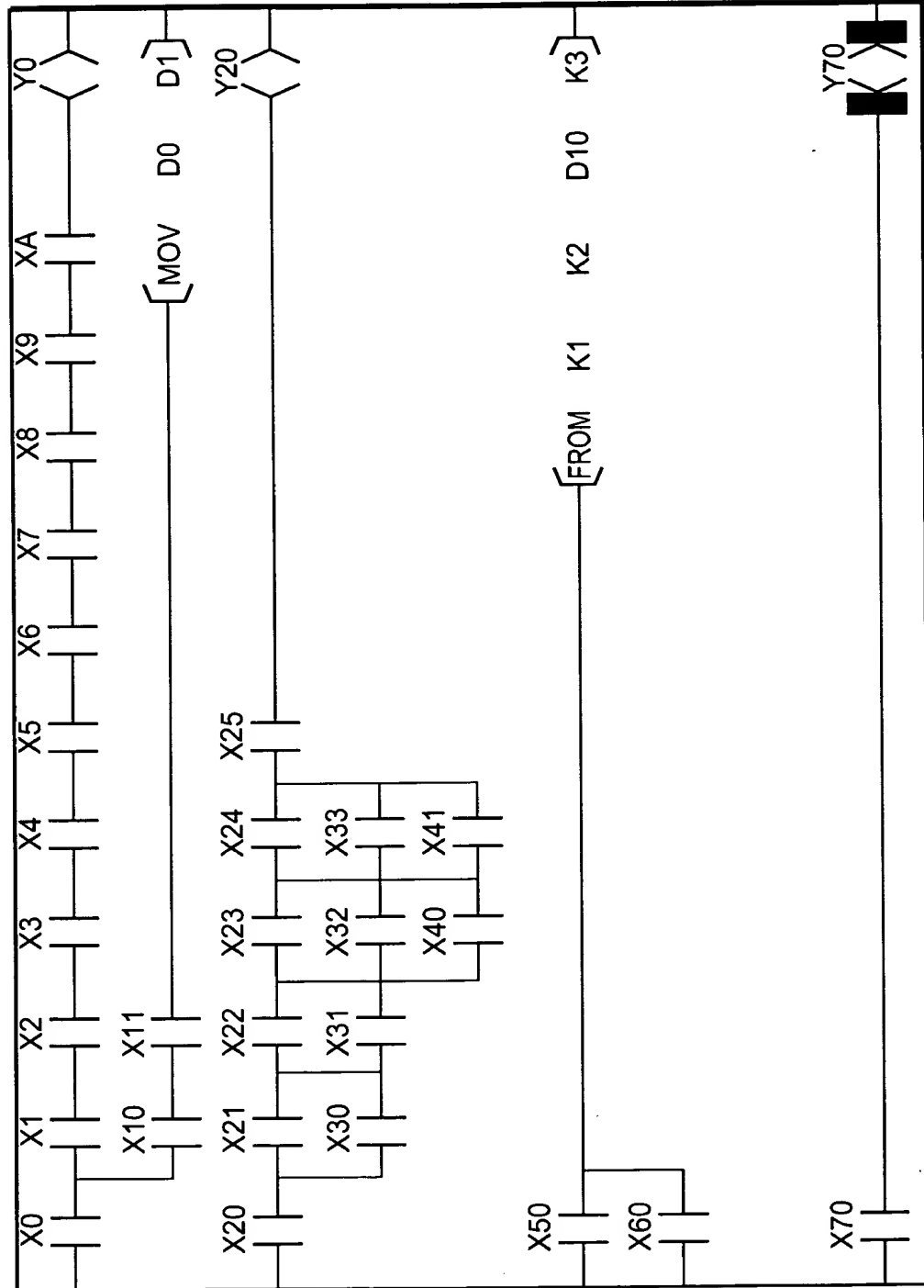


FIG.33

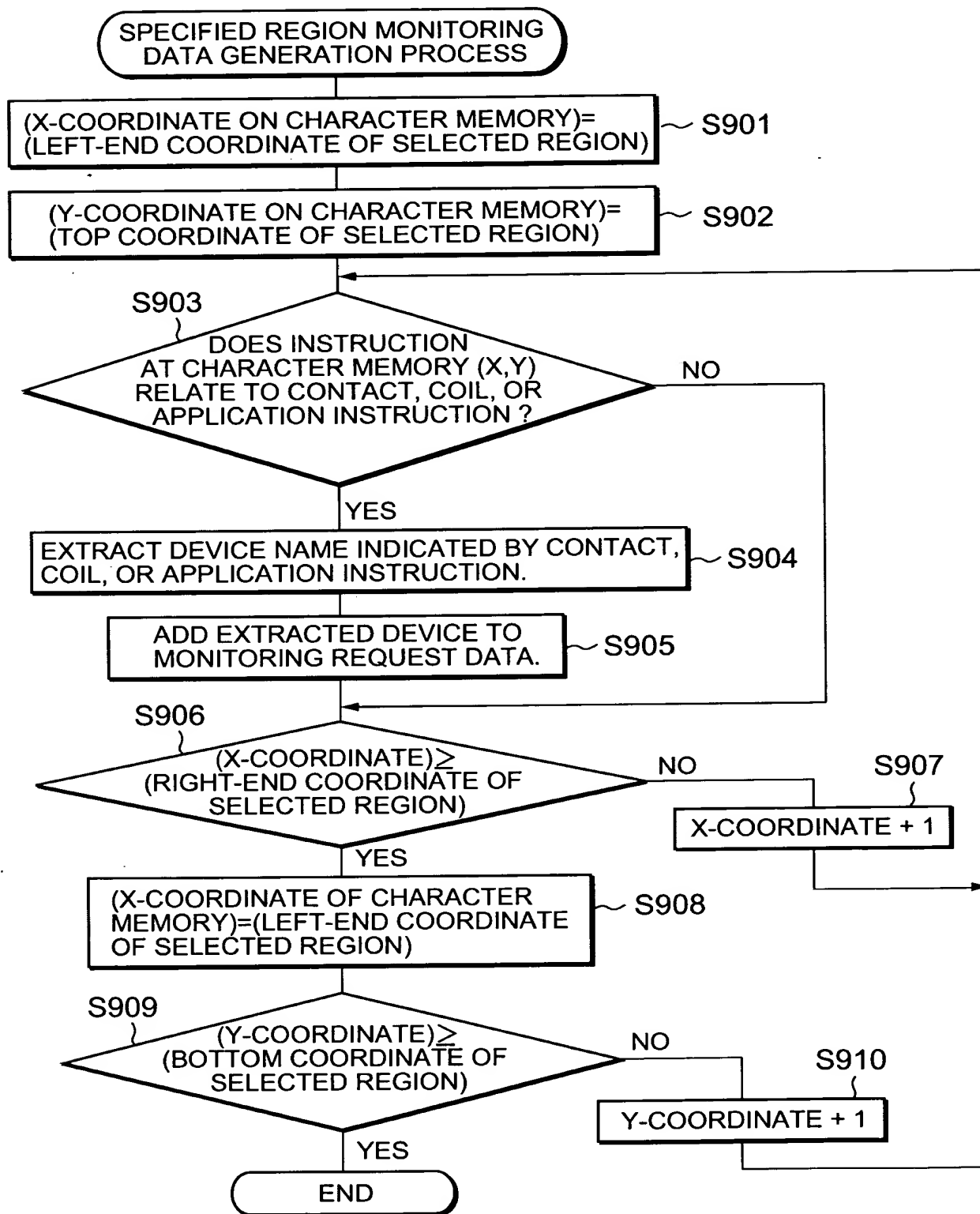


FIG.34

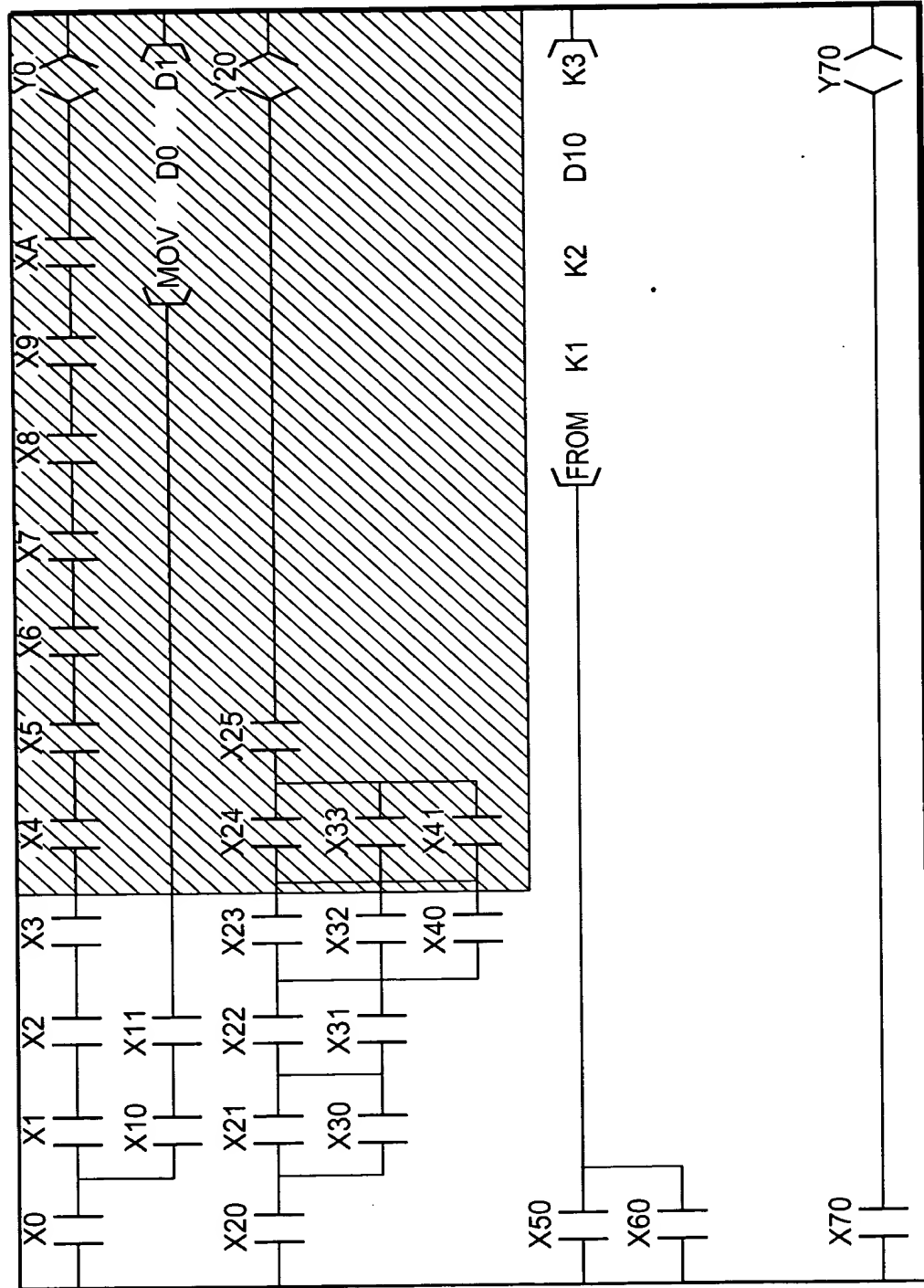


FIG.35

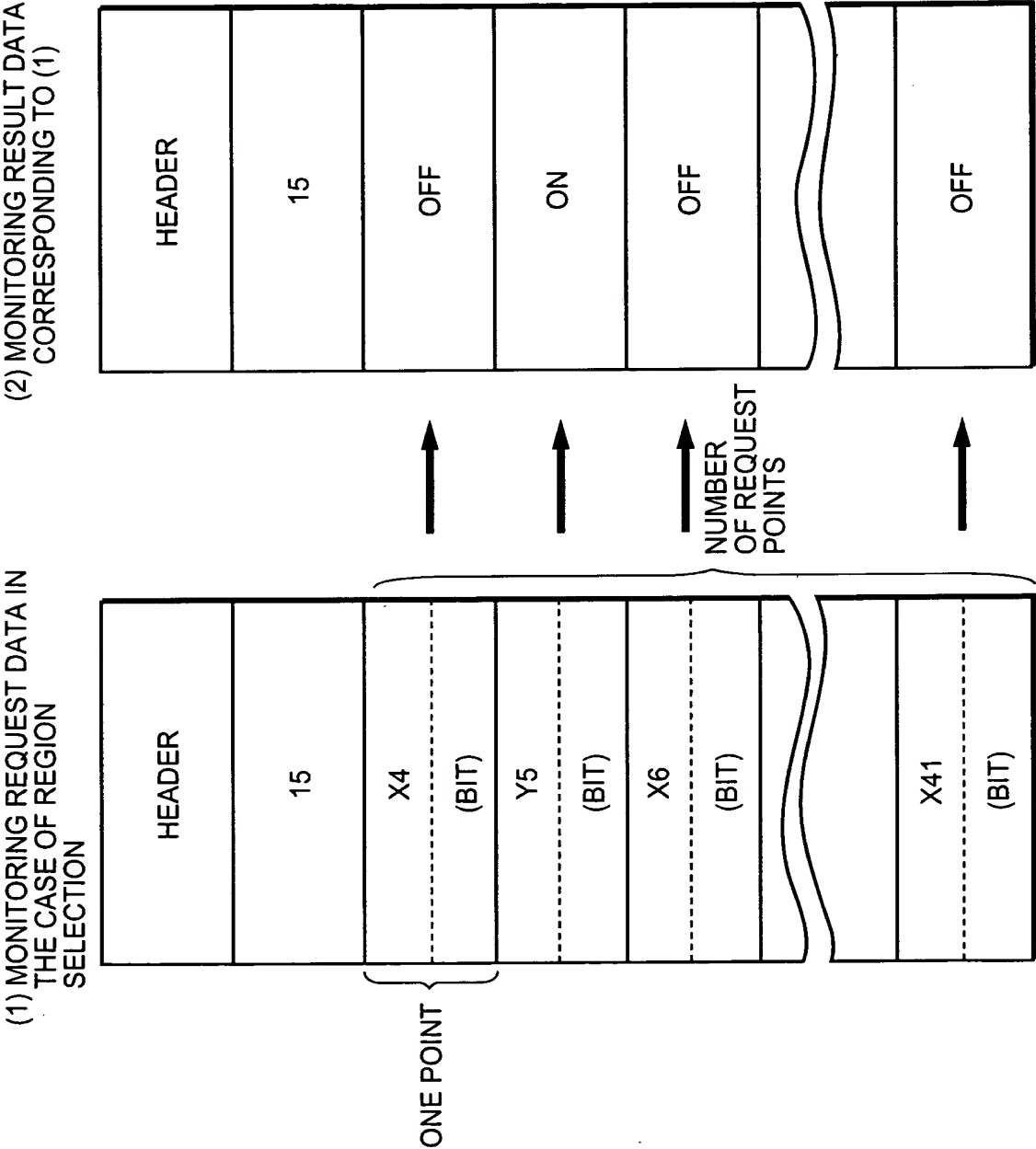


FIG.36

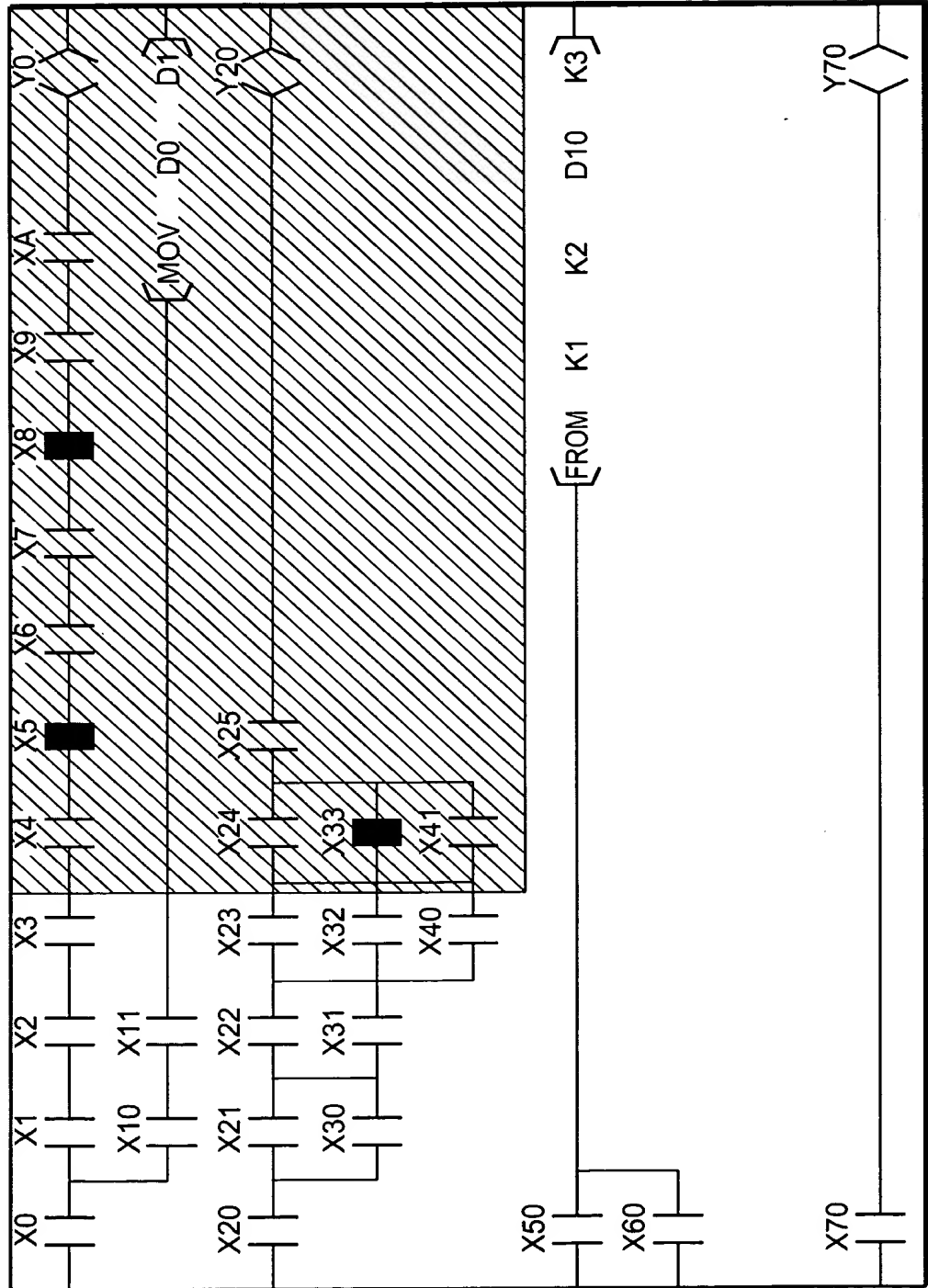


FIG. 37

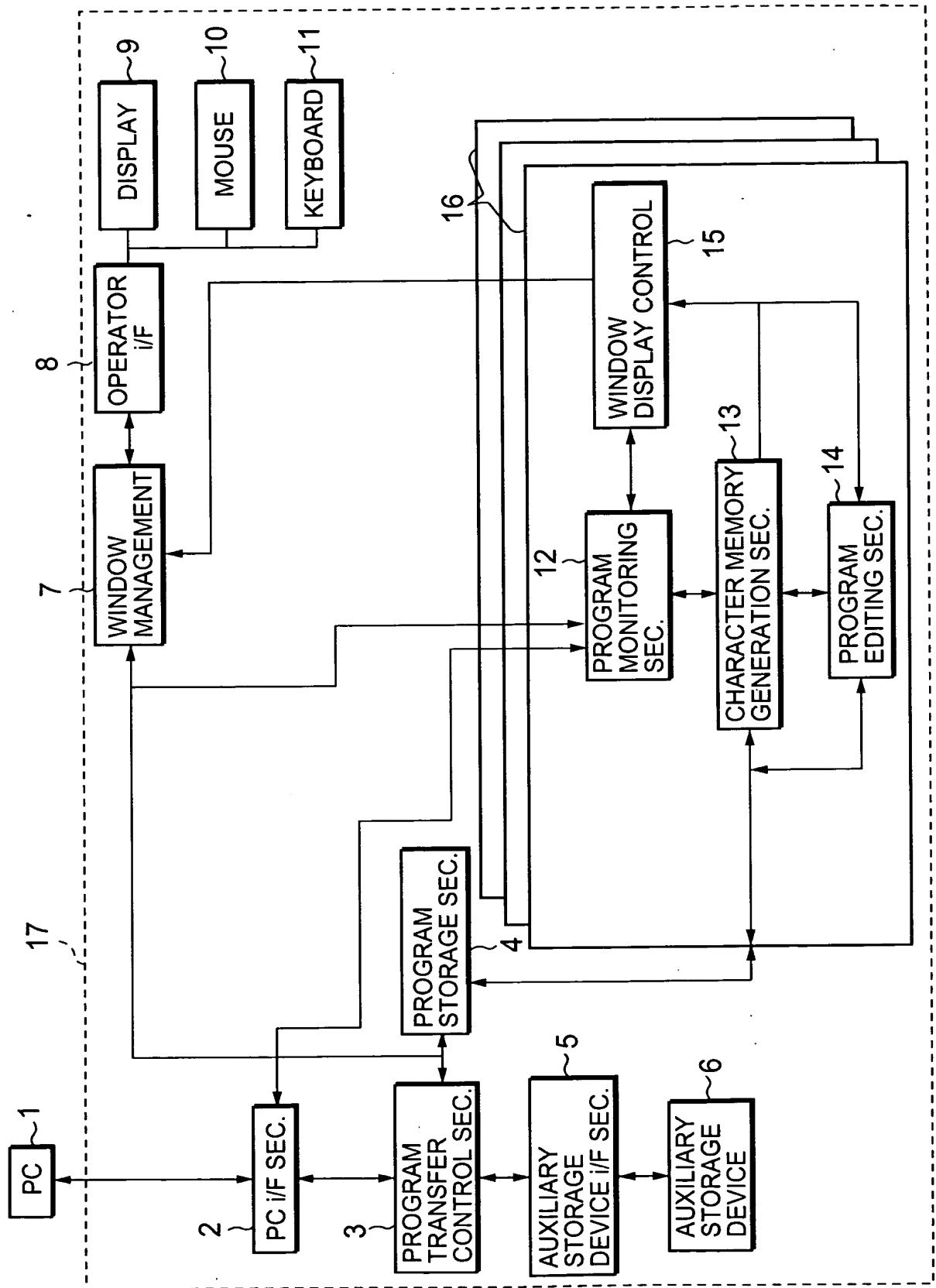


FIG.38

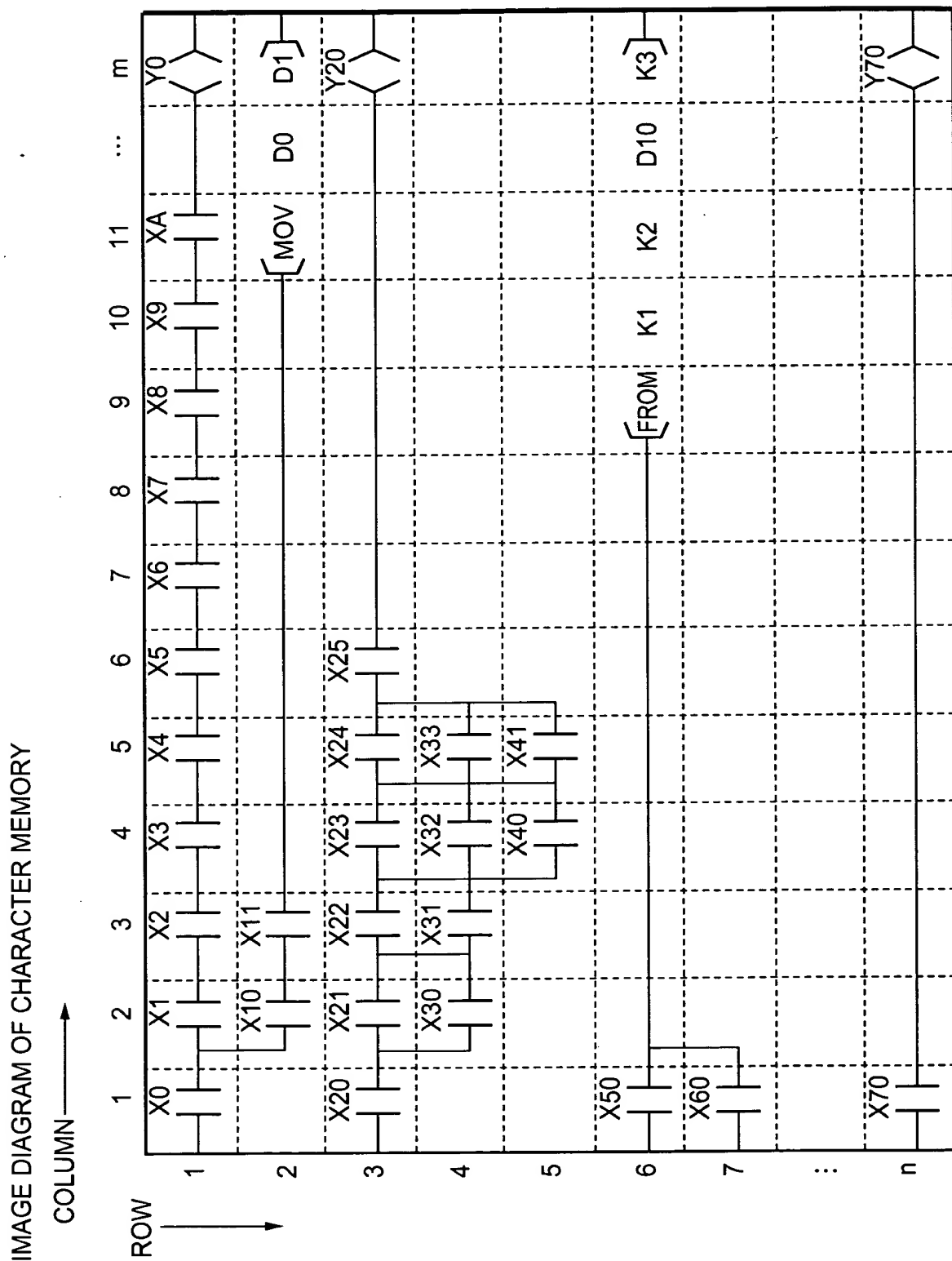


FIG.39

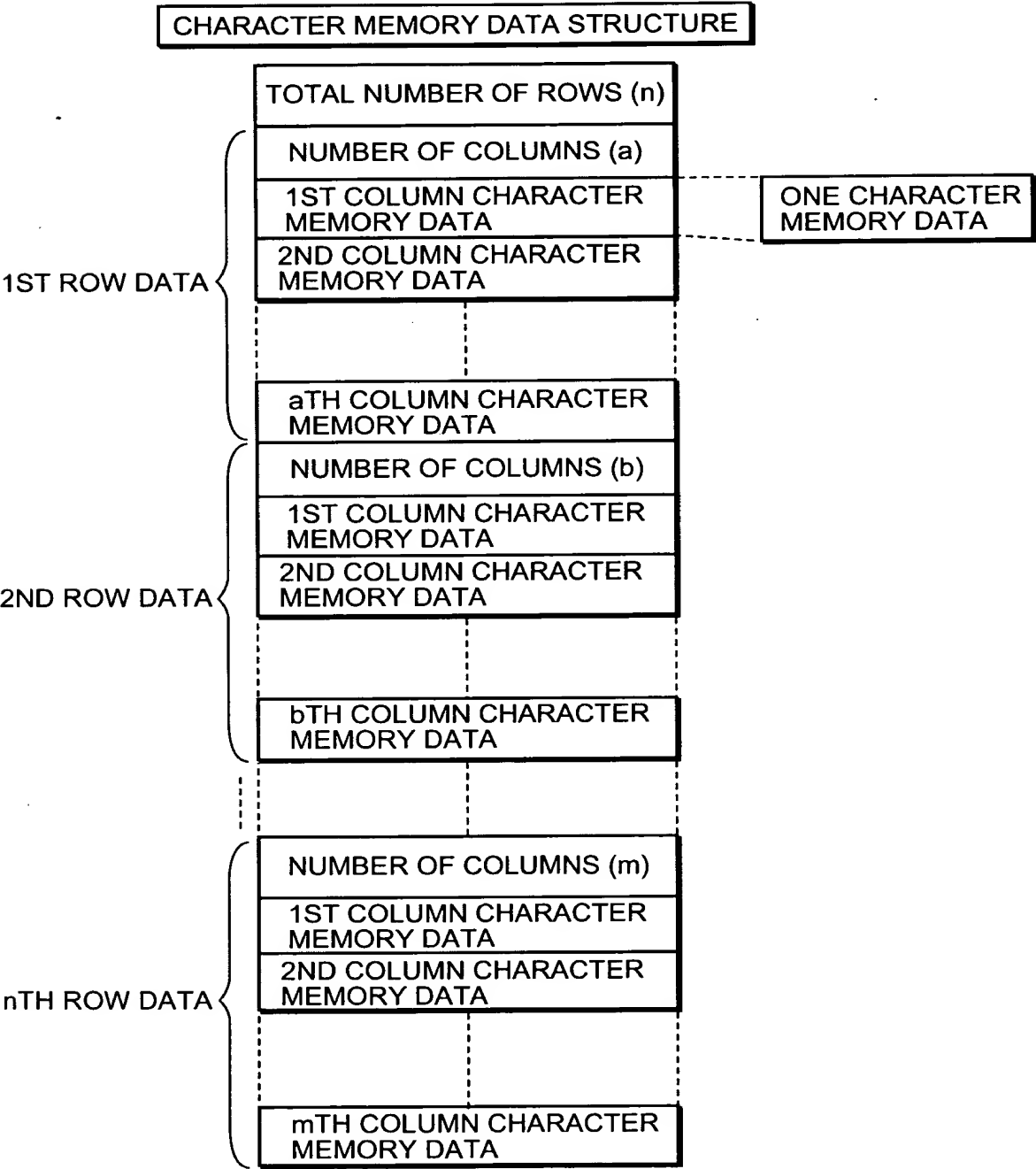


FIG.40

ONE CHARACTER MEMORY DATA STRUCTURE

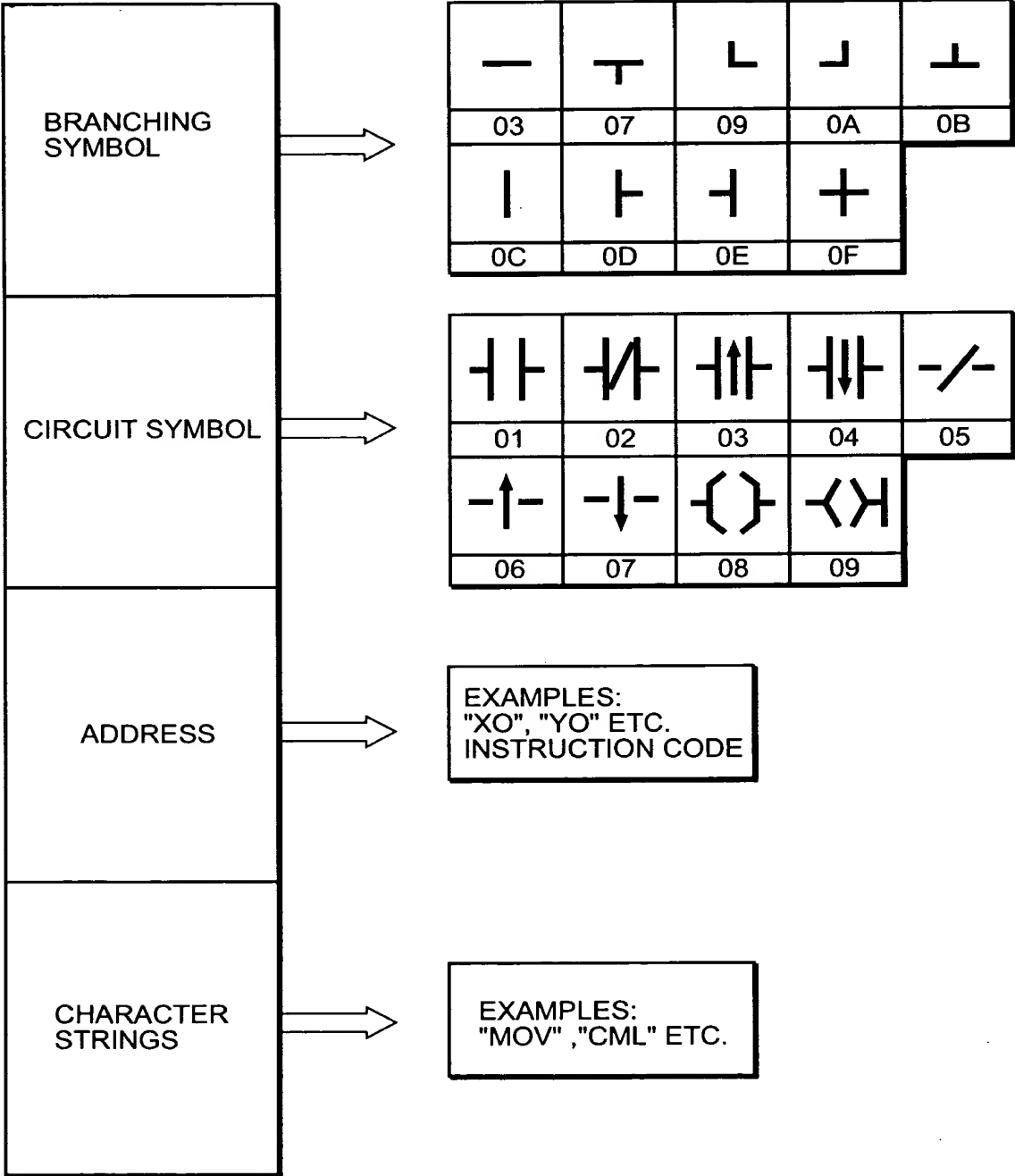


FIG.41

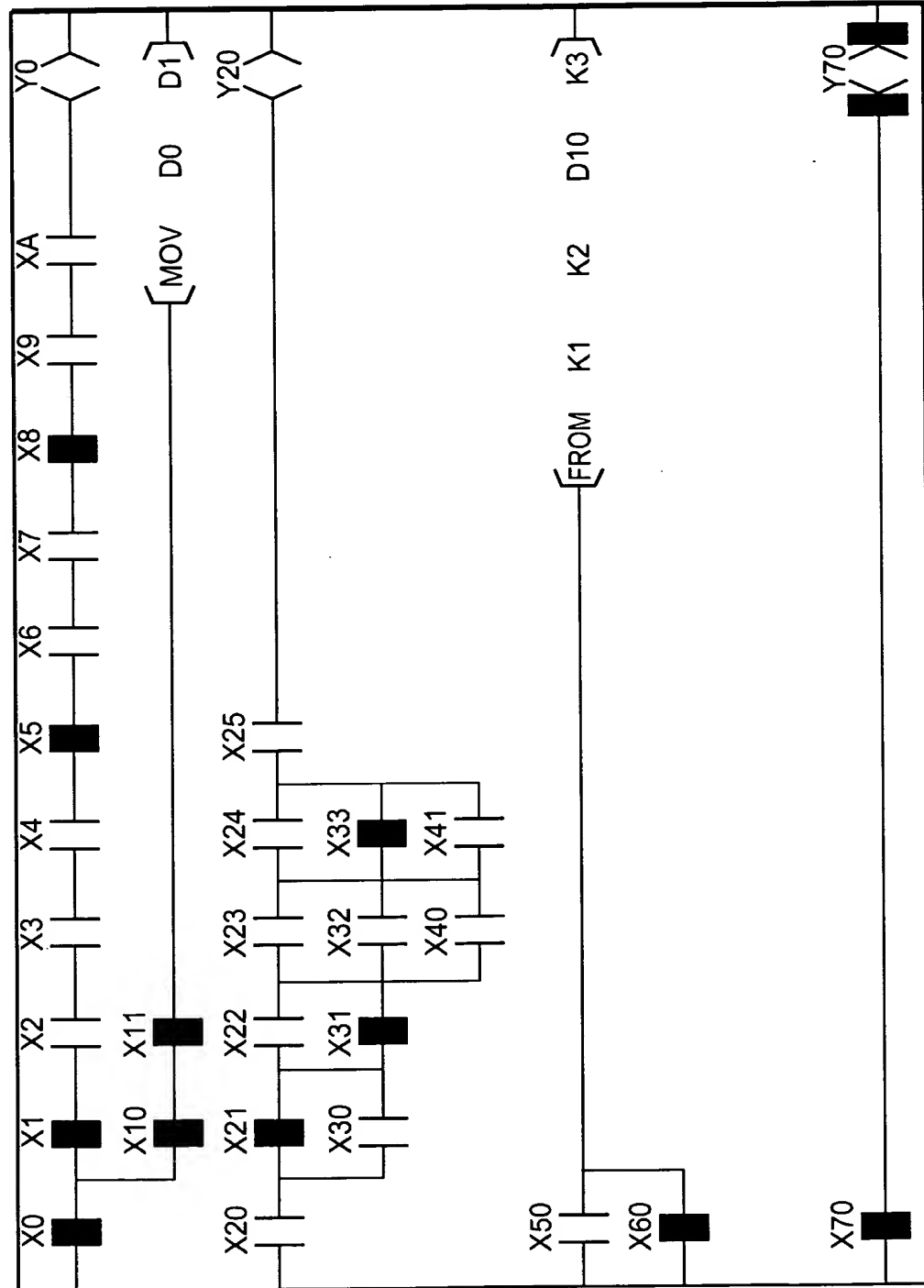


FIG.42

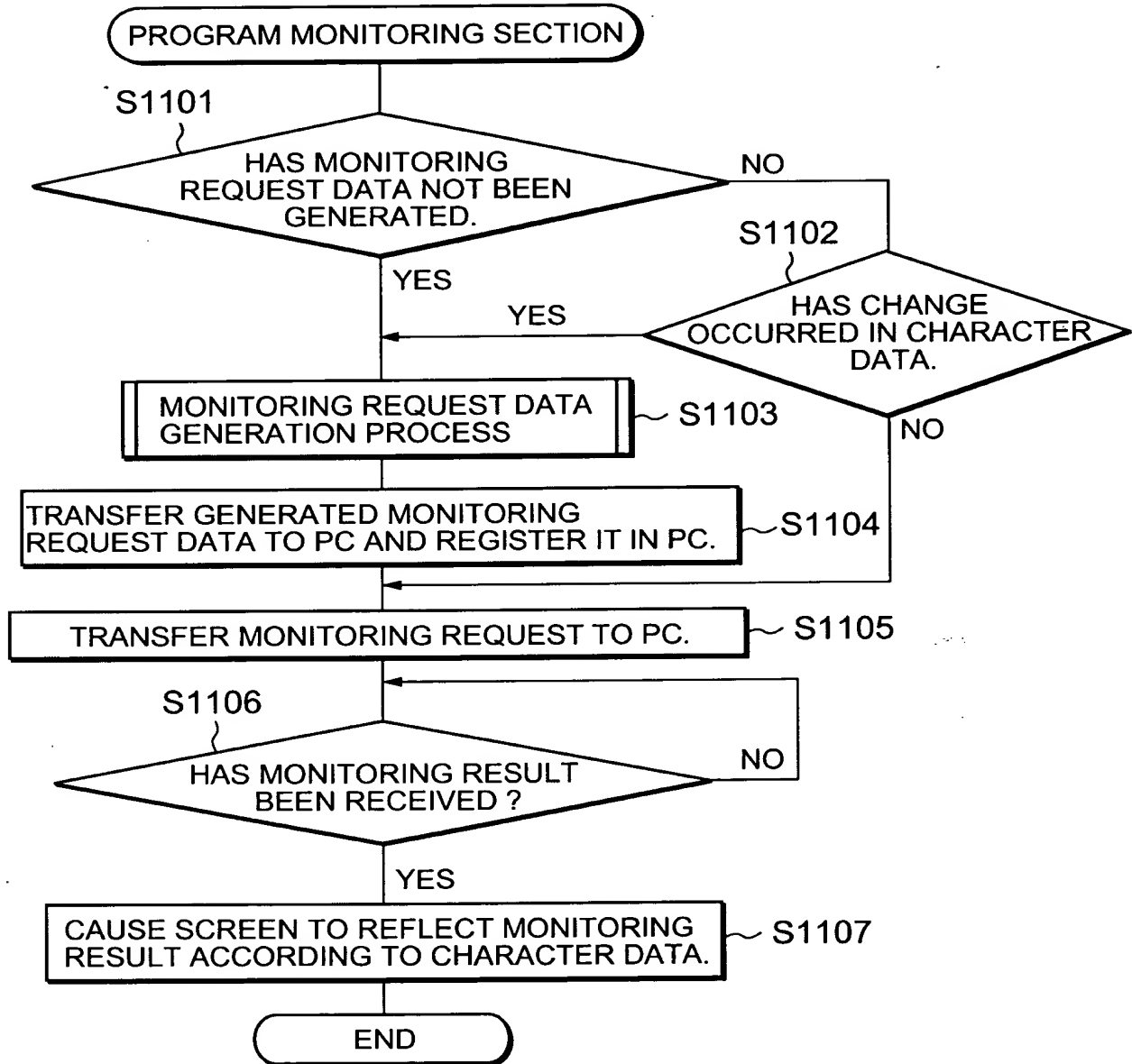


FIG.43

3.BASIC DIAGRAM OF MONITORING DATA

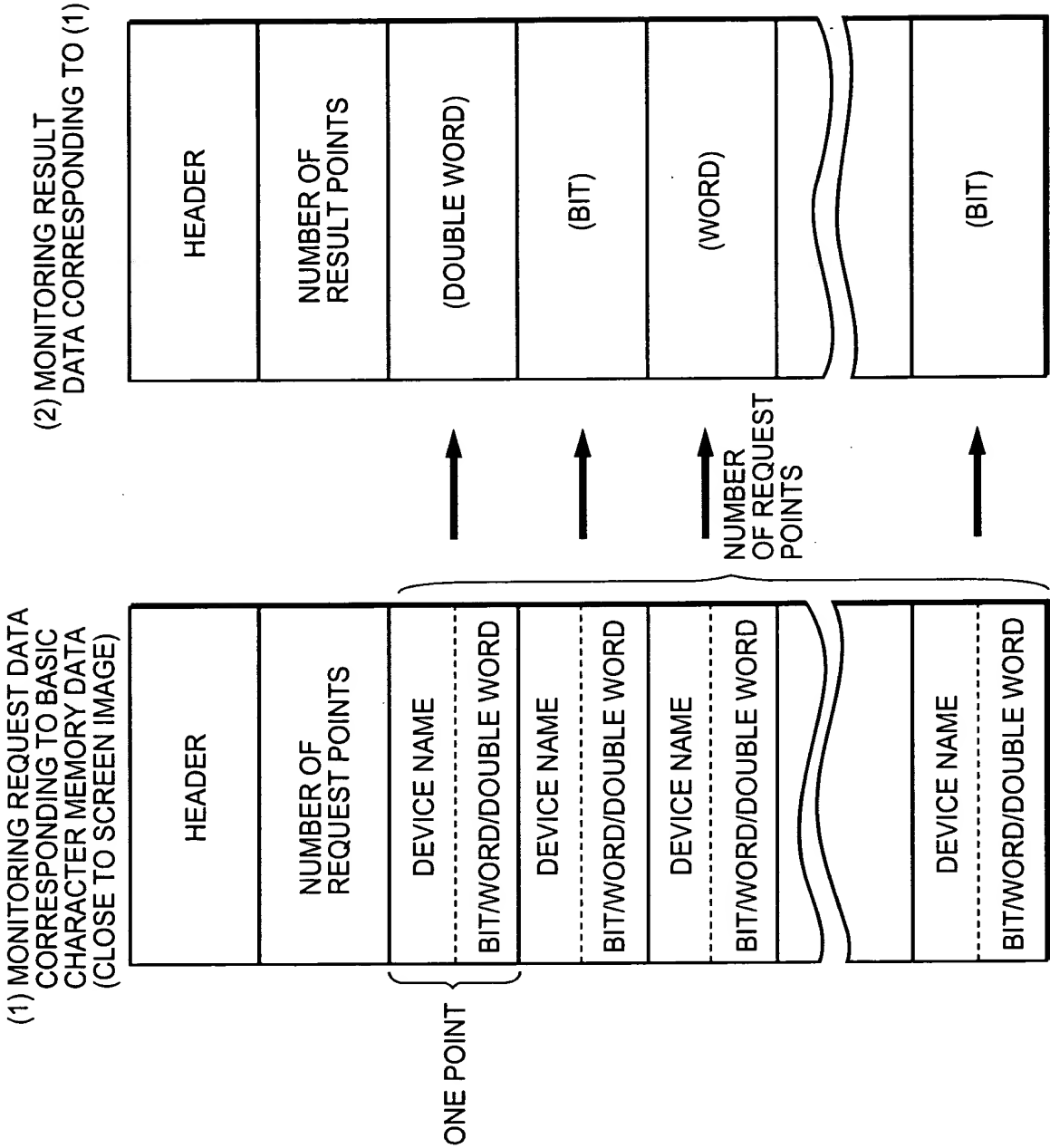
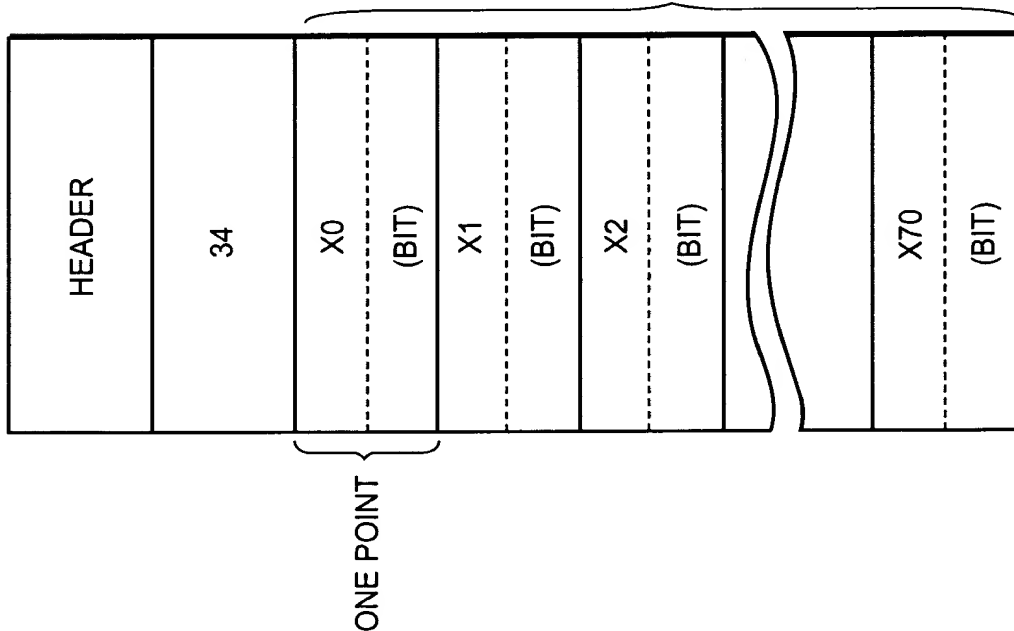


FIG.44

3.BASIC DIAGRAM OF MONITORING DATA

(1) MONITORING REQUEST DATA
CORRESPONDING TO BASIC
CHARACTER MEMORY DATA
(CLOSE TO SCREEN IMAGE)



(2) MONITORING RESULT
DATA CORRESPONDING TO (1)

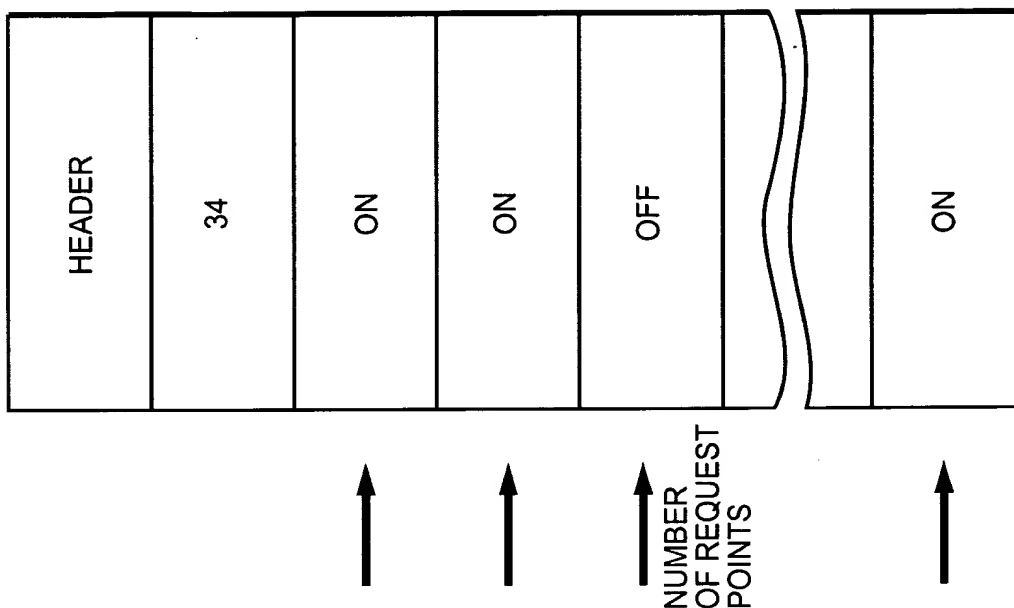


FIG.45

